

# Index to Authors

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In order to simplify the Index wherever a patent abstract gives both the name of a firm and individuals, that abstract has been indexed under the name of the firm only.

When no firm is indicated the authors' names have been arranged alphabetically, the entry appearing under the first name with cross references from the others.

Names beginning de, la, le, ter, van, von, etc., are indexed under the surname.

## Abbreviations of Names of Firms, etc.

The abbreviations listed below have been employed in the *Journal*. The shortened names of firms have been used in abstracts of patent specifications, while those abbreviations in the form of initials have been used after the commercial names of dyes.

AAP ...	American Aniline Products Inc.	G ...	General Dyestuff Corp.
AATCC ...	American Association of Textile Chemists and Colorists	General Aniline	General Aniline & Film Corp.
BASF ...	Badische Anilin- & Soda-Fabrik	Gevaert ...	Gevaert Photo-Producten N.V.
Br ...	Brotherton & Co. Ltd.	Gy ...	The Goigly Co. Ltd.
BrC ...	British Celanese Ltd.	IC ...	Interchemical Corp.
CAC ...	Clayton Aniline Co. Ltd.	ICI ...	Imperial Chemical Industries Ltd.
CCC ...	American Cyanamid Co., Calco Chemical Division	JR ...	James Robinson & Co. Ltd.
CDC ...	Clayton Dyestuffs Co. Ltd.	LBH ...	L. B. Holliday & Co. Ltd.
CFM ...	Cassella Farbwerke Mainkur	Monsanto ...	Monsanto Chemical Co.
Ciba ...	Ciba Ltd.	NAC ...	Allied Chemical & Dye Corp., National Aniline Division
DH ...	Durand & Huguenin S.A.	NCO ...	Naphtol-Chemie Offenbach
DuP ...	E. I. du Pont de Nemours & Co. Inc.	Rhône-Poulenc	Société des Usines Chimiques Rhône-Poulenc
FBY ...	Farbenfabriken Bayer	S ...	Sandoz Products Ltd.
FH ...	Farbwerke Hoechst	TE ...	Tennessee Eastman Corp.
Fran ...	Société Anonyme de Matières Colorantes et Produits Chimiques Francolor	W ...	Williams (Hounslow) Ltd.
	Compagnie Française des Matières Colorantes	YDC ...	Yorkshire Dyeware & Chemical Co. Ltd.

## A

PAGE

Abler R L and Smith L I Colour of diaminopyromellitic esters and related compounds ...	559
Abramova E A, Munte S L and Shemkov N K Fibres from solutions of cellulose xanthates of low degree of substitution ...	502
Achhammer B G, Bersch C F and Harvey M R Heat and ultraviolet ageing of polyvinyl chloride ...	727
Acna Oxidation bases for printing ...	201
Adam F C Spectroscopic study of selected diphenylmethane and triphenylmethane dyes ...	432
Adam N K Water repellency ...	324
Adamek E G and Purves C B Divergent behaviour of hydroxides of lithium and sodium and of potassium rubidium and caesium in xanthation of cellulose and starch ...	64
Adams D P, Derby R E, Ernberger R E and Solo R B Nomograph for calculating colour differences using Adams-Nickerson equation ...	76
Adams G A and Srivastava H C Uronic acids of jute hemi-cellulose ...	879
Adams G W Cloth drying ...	659
Adshad W Drying machines for coated textiles, paper, etc. ...	188
Aenishanslin R Behaviour of resin-treated fabrics towards hypochlorite solutions ...	443
Characterisation and estimation of condensation resins on cellulose fibres ...	443
Afanasyeva T N, Stepanov A S and Vvedenskii S A Reduction in time of scouring by changes in scouring liquor ...	497
Agapova O I and Maltsev N D Tendering cotton dyed with sulphur black ...	498
Agarwal J K P, Agarwal S K D and Ramalah N A Composition of caramel ...	55
Agarwal S K D See Agarwal J K P	55
Agfa AG, für Photofabrikation Colour photography by colour development ...	671
Dyes for antihalation layers ...	317
Improving colour reproduction of photographic subtractive multicolour images ...	613

## Agfa AG, für Photofabrikation—continued

PAGE

Laterally non-reversed positive copies by heat development ...	806
Masked colour photographic images ...	806
Agroskin L S and Pribytkova N N Optical properties of dyes in massive state determined by mirror reflection method ...	193
Agster A and Wandel M Estimation of moisture content of textiles by Karl Fischer method ...	323
Air Associates Electrolytic recording papers ...	214
Akamatsu H, Kuroda H and Matsunaga Y Structural aspects of violanthrene-iodine complex ...	195
Aktiebolaget Separator Washing raw wool, etc. ...	653
Aktiebolaget Svenska Flaktfabriken Conditioning cloth, paper, etc. in a closed chamber ...	183
Albany Felt Co. Blanket for compressive shrinking machine ...	43
Albright & Wilson Flame- and glow-resistant finishes for cellulosic and natural protein textiles ...	326
Phosphorus-containing polyester resins for flame-resistant paints ...	660
Water-dispersible solid nitrilo-methylolphosphorus polymers as flame-resisting agents ...	491
Alcock (Peroxide) Sodium metasilicate composition containing fluorescent brightening agents ...	93
Alegre A A Finishing artificial leather ...	727
Hardening artificial leather ...	810
Aleksandrov I V Dependence of reactivity of derivatives of 1:3-phenylenediamine on structure during colour development ...	559
Structure of azine dyes from arylsulphonyl derivatives of $\alpha$ -diamines of the benzene series ...	710
Aleksandrova E M and Varova S P Physicochemical and colloidal properties of sols of pigments used in mass coloration of viscose ...	874
Alexander A E and Griffith J Supercontraction of wool in solutions of lithium salts ...	319
Alexander W J, Goldschmid O and Mitchell R L Relation of intrinsic viscosity to cellulose chain length ...	114

	PAGE		PAGE
<b>Algemene Kunstzijde Unie</b> Apparatus for adding liquid to a viscous spinning solution ... ..	491	<b>American Cyanamid Co.—continued</b>	
Polyamines dissolved in 2-chloroethanol as coating compositions ... ..	786	Stable aqueous titania monohydrate dispersions for imparting soil resistance to textiles ... ..	871
<b>Allan Z J and Podstata J</b> Hydrolysis and ammonolysis of amino group in aminoazo dyes. Effect of bisulphite ... ..	708	Starch-clay coating colours for paper ... ..	724
Synthesis of polyazo direct blue ... ..	192	Tertiary substituted 2-aryl aryleneazoles as fluorescent brightening agents ... ..	603
<b>„ and Poskocil J</b> Oxidation of azo dyes to diazo compounds ... ..	51	Thiolindigoid dyes ... ..	793
<b>Allen E</b> Evaluation of whitening efficiency of fluorescent whitening agents ... ..	75	Titania monohydrate as soil-resistant finishing agent ... ..	506
Mode of action of fluorescent brightening agents and measurement of relative efficiency ... ..	504	Titanium dioxide pigments for stoving enamels ... ..	715
<b>Allied Chemical &amp; Dye Corp.</b> Blue sulphur dyes ... ..	714	Triazine derivatives as paper sizes ... ..	724
Colouring the surface of polyethylene amber ... ..	618	Ultramarine ... ..	715
Heat-resistant coating compositions containing leafing pigments ... ..	716	Yellow to red monoazo pigments from dichlorotoluidine-sulphonic acids ... ..	435
<b>Allport D C and Bu'Lock J D</b> New type of melanin and biogenesis of perylene derivative ... ..	199	Zinc stearate as flattening agent ... ..	716
<b>Alsbaugh T A and Souther R H</b> Treatment of mixtures of textile waste and domestic sewage ... ..	784	<b>American Felt Co.</b> Increasing strength of light weight felts so they may be dyed in normal manner ... ..	881
<b>Althouse Chemical Co.</b> Yellow, orange and brown disazo direct dyes having triazole rings ... ..	601	<b>American Potash and Chemical Corp.</b> Polyvinyl acetate emulsions giving coatings of improved fire resistance ... ..	786
<b>Altman K Z</b> Dyeing viscose staple fibre with vat dyes in circulating machines ... ..	718	<b>American Tansul Co.</b> Laundry starch ... ..	871
<b>Aluminium Co. of America</b> Storage of aluminium pastes ... ..	101	<b>American Viscose Corp.</b>	
<b>Aluminium-Walzwerke Singen</b> Printed or lacquered aluminium foils ... ..	806	Cylinder dye test ... ..	76
<b>American Association of Textile Chemists and Colorists</b>		Dimensional stabilisation of regenerated cellulose textiles using aldoketene dimers ... ..	566
Assay of sodium hydrosulphite ... ..	75	Drying staple fibre ... ..	703
Determination of hydrogen peroxide in bleach baths ... ..	112	Fibres from cellulose thiourethane-acrylic acid derivatives	206
Effect of iron and copper contaminants on cotton degradation in peroxide bleaching ... ..	608	Preventing regenerated cellulose from yellowing in presence of heat and moisture ... ..	808
Evaluation of test methods for milled fabrics ... ..	619	Regenerated cellulose resistant to discolouring ... ..	870
Identification of dye classes on dyed natural and synthetic fibres ... ..	619	Spreading tricoat warpknit fabric ... ..	188
Laundering procedures in the commercial laundry and in the home ... ..	608	Thiourethanes of cellulose esters ... ..	214
Relation of effect of resins on light fading and tendering action of photosensitive vat dyes ... ..	613	<b>American Zinc, Lead and Smelting Co.</b> Surface-treated American process zinc oxide ... ..	561
Textile users of nuclear radiation ... ..	218	White leather by tanning with zinc sulphide or sulphhydrate ... ..	810
Two new dry-cleaning test methods ... ..	220	Zinc oxide ... ..	202
Variables encountered in natural light fading ... ..	220	<b>Anderegg G, Schwarzenbach G and Senn H</b> Complexones. Special kind of large chelate effect ... ..	870
<b>American Chemical Paint Co.</b> Corrosion resistant coatings of uniform colour on aluminium articles ... ..	888	<b>Anders H</b> Silicone-rubber coated fabrics ... ..	882
<b>American Chemical Society</b> Safety in chemical industry ... ..	93	<b>Anderson J R A, Lock L C and Martin E C</b> Separation of permissible food dyes by two-dimensional chromatography and electrophoresis on paper ... ..	72
<b>American Cyanamid Co.</b>		<b>Anderson N L</b> Dyes for ball point pen inks ... ..	203
Alkylation process for dibenzanthrone vat dyes ... ..	494	<b>Anderson S L, Guy W, and Settle G E</b> Water-repellency of fabrics. Tests on union gabardines ... ..	74
6-Aminocarbostyryls as intermediates for azole and azo dyes ... ..	434	<b>Andreev D N, Frunze P M, Korshak V V and Kukharskaya E V</b> Properties of polyamides with siloxane groups ... ..	885
Antibacterial cellulosic material ... ..	326	<b>Andreev P A, Guretskii I Ya and Kreshkov A P</b> Interaction of organo-silicon compounds with cellulose nitrates ... ..	444
Antistatic agent ... ..	786	<b>Andrew M J and Girling L</b> Nylon hose preboarding ... ..	659
Azo vat dyes of the triazine anthraquinone series ... ..	664	<b>Andrievskaya E A, Golova O P and Pakhomov A M</b> Transformations of cellulose at elevated temperatures ... ..	501
Bleaching acrylonitrile polymers ... ..	801	<b>Angapindu A, Kaplan I R, Silberman H and Tantivatana P</b> Separation of chlorophylls by paper and cellulose column chromatography ... ..	812
Blue, metallisable disazo direct dyes from substituted benzidine sulphones ... ..	198	<b>Annicq J</b> Application of reactive dyes in package dyeing ... ..	718
Colour stabilisation of acrylonitrile polymers ... ..	727	<b>Ansbacher-Siegle Corp.</b> Chlorinated copper phthalocyanine ... ..	604
Copolymer containing vinyl and carboxyl groups for warp sizing ... ..	871	<b>Antczak B, Cypryk J, Kauczynska-Wolfram M, Skwarski T and Turska E</b> Structure of viscose rayon ... ..	205
Diazotisation of 1:2:4 acid ... ..	712	<b>Antonova M I and Raikhlin F I</b> Continuous scouring and washing of worsted dress material ... ..	497
Direct dyes readily soluble ... ..	794	<b>Ant-Wuorinen O and Visapää A</b> Effect of alkaline treatment on cellulose ... ..	723
Dithiocyno-substituted 1:4-naphthaquinones as fungicides ... ..	596	Liberation of carboxyl groups in cellulose ... ..	444
Flame-resistant regenerated cellulose film ... ..	445	<b>Apex Construction</b> Homogenising mill ... ..	313
Flame-resisting finishing composition ... ..	491	<b>Appel W and Zankev V</b> Metachromism and formation of a reversible complex between Acridine Orange and heparin ... ..	873
Guanylmelamine pyrophosphates for imparting flame-resistant finish to cellulosic materials ... ..	430	<b>Apponau Co.</b> Permanent mechanical effects by cold-curing resins ... ..	722
Halogenosalicyloylamidoanthraquinone pigments ... ..	665	Photogravure printing on cloth ... ..	210
Hydrolysing cyanoethylated cotton ... ..	883	Pleated finish ... ..	882
Hydrophobic, organophilic pigments ... ..	605	<b>Aquamatic</b> Lime soda water softening plant ... ..	189
Magnesium compounds for reducing consumption of hydrosulphite in high temperature vat dyeing ... ..	719	<b>Arestenko A P and Bergman A G</b> Thermal analysis of binary systems of benzidine with phenols and naphthols ... ..	94
Maroon monoazo pigments ... ..	876	<b>„ „ and Kislova A I</b> Ternary system benzidine-phenol-naphthalene ... ..	95
Mechanically-finished resin-treated fabric of improved tear strength ... ..	882	<b>Argenta Products Co.</b> Basic lead carbonate for producing pearlescent effects in plastics and as substitute for natural pearl essence ... ..	715
Methyl Violet ... ..	793	<b>Arikawa S, Kashioka A and Kawamata T</b> Benzidine yellow pigments ... ..	597
Non-ionic surface-active agents ... ..	870		
Phthaloylcarbazole triazine vat dye ... ..	794		
Printing on polyethylene ... ..	806		
Silicone-aminoplast compositions for water-repellency, dimensional stability and ability to recover from creasing ... ..	565		

	Page
<b>Armfield W</b> Determination of viscose rayon and cotton in blend yarns and fabrics using sodium zincate solution...	219
<b>Armour &amp; Co.</b>	
Curling animal hair with sulphur dioxide in aqueous solution ... ..	723
Dodecyl alcohol and dodecylamine acetate for rendering fabrics, etc. rodent repellent ... ..	833
Improving properties of soap ... ..	704
Mildew-proofing agents for leather and textiles ... ..	557
Non-yellowing stoving finish ... ..	606
Readily-dispersible pigments ... ..	62
<b>Armstrong D M G</b> Measurement of pH of fibrous collagen in aqueous media ... ..	448
<b>Armstrong Cork Co.</b> Preventing stove staining in manufacture of linoleum ... ..	615
<b>Arnoldy G, Dimroth K, Eicken S von and Schiffer G</b> Relation between colour, constitution, solvents and chemical reactivity. Pyridine N <sup>+</sup> βN <sup>-</sup> -betaines ...	194
<b>Arthur J C and Blouin F A</b>	
Effects of γ-radiation on cotton ... ..	606, 607
<b>Asbóth T and Mihálkai B</b> Determination of moisture content of textiles by modified Marcuseon apparatus ... ..	219
„ „, and <b>Zoltán G</b> Inherent resistance of wool... ..	798
<b>Asci K</b> Reducing volatility of aniline in Aniline Black dyeing	669
<b>Ashcroft J M</b> Reliability of soil burial method for evaluating textile preservative treatments ... ..	731
<b>Ashe Chemical</b> Silver salts as hair dyes... ..	67
<b>Ashe Laboratories</b> Lithium thioglycolate as cold waving composition ... ..	705
<b>Askania Corpn.</b> Lustring furs ... ..	676
<b>Asquith R S, Elliott R L and Hobson M A</b> Suggested mechanism for degradation of cytosine in alkaline solution ( <i>Correspondence</i> ) ... ..	850
„ <b>Speakman J B and Tolgyesi E</b> Chemical mechanism of permanent set ... ..	68
„ <i>See Elliott R L</i> ... ..	173
<b>Associated Dye &amp; Print Co.</b> Embossing machine for textiles	429
<b>Associated Lead Manufacturers</b> Basic magnesium chromate as corrosion-inhibiting pigment ... ..	715
Flame-retarding composition ... ..	491
<b>Asunmaa S</b> Image intensities in electron micrographs... ..	116
<b>Atherton E, Downey D A and Peters R H</b> Observations on dyeing nylon with mixtures of acid dyes ( <i>Symposium</i> )	242
<b>Atkinson J C and Speakman J B</b> Reclamation of fibres from rags ... ..	73
<b>Atlantic Refining Co.</b> Mothproof and water-repellent finish...	722
<b>Aubry M</b> Degradation of cotton by heat ... ..	102
<b>Audas F G, Badcock C G, McNabb W and Wilson J A</b>	
Application of fluid beds to textile processing ... ..	188
<b>Auer L</b> Clear and pigmented oil-in-water resin emulsions ...	492
Oil-in-water emulsion textile printing extender pastes ...	323
Oil-in-water polyester resin emulsion printing colour concentrates ... ..	323
<b>Augsburger W and Dürig G</b> New method of testing abrasion resistance ... ..	720
<b>Ayrton &amp; Co. W</b> Sizing and polishing yarns ... ..	212
<b>Azuma N, Bekku F and Itō T</b> Twist set of wool fibre bundles... ..	812

## B

<b>Baba H</b>	Hydrogen bonding effect on electronic absorption spectrum of <i>p</i> -hydroxyazobenzene	597
<b>Babichev F S and Kiprianov A I</b>	Reaction products of methylene bases of benzothiazole and benzoselenazole with alkyl halides	433
<b>Bachman G B and Hokama T</b>	Boron trifluoride-nitrous anhydride complex; Use in disoatization and nitration	50
<b>Bacon O C, Horn L F and Parker M F</b>	Formaldehyde evolution from textiles	230
<b>Hughes L E and Smith J E</b>	Effect of laundering on chlorine retention and crease resistance of cotton finished with dimethylolylethyleneurea	614
<b>Badcock C G</b>	See Andas F G	188
<b>Badische Anilin- &amp; Soda Fabrik</b>		
	1-Aminobenzophenonesulphone-2-aldehydes or -ketones as intermediates and disperse dyes	436
	1-Aminobenzophenonesulphone-2-carboxylic acids or their esters	55
	Amphoteric softening agents stable to high temperatures and hard water	94
	Anthraquinone disperse dyes	430

Badische Anilin- & Soda Fabrik—continued		PAGE
Anthraquinone dyes...	...	199
Anthraquinone triazine vat dyes...	...	80
Basic dyes for dyeing acrylic fibres...	...	209
Brown and black metal-complex polyazo dyes for leather	...	59
Chromium-complex monoazo compounds—Pigments, wool dyes and dyes for organic solvents	...	601
Clarifying water	...	704
Coatings and mouldings from polyglycidyl ethers	...	439
Dyeing protein, polyamide or polyurethane fibres	...	564
Fast dyes and prints on organic derivatives of cellulose	...	106
Gas flame fading inhibitors	...	69
Green triazo leather dyes	...	58
Heavy metal compounds of 1:3:4-thiadiazole-2:5-dimercapto as pigments	...	56
Improving printing properties and resistance to boiling water of polyethylene	...	111
Improving properties of aqueous emulsions	...	785
Insoluble chromium-complex azo and azomethine dyes for wool and nylon	...	95
1:2 Metal-complex dyes for wool, nylon, etc. from o-alkoxy-o'-hydroxyazo compounds	...	560
Pattern Cards, etc.	...	780, 868
Preserving proteinaceous coating compositions from microbiological attack	...	716
Pyrazino-anthraquinone vat dyes...	...	61
Red disazo dye for leather	...	601
Rotproof finish	...	326
Solvent stable $\alpha$ - and $\gamma$ -metal-free phthalocyanine	...	57
Urethane-formaldehyde condensates as tanning agents	...	660
Yellow to orange-red disperser dyes...	...	494
<b>Bailey F E, Fitzpatrick J T and Hill F N</b> High-molecular-weight polymers of ethylene oxide polymerisation with alkaline earth carbonate catalysts	...	568
<b>„ Powell G M and Smith K L</b> Solution properties	...	568
<b>Baird E M, Legere L C and Stanley H E</b> Random-tumble pilling testing	...	73
<b>Baker Perkins</b> Dry-cleaning plant	...	313
<b>Bakker E and Patterson D</b> Dye-uptake meter for studies of dyeing kinetics ( <i>Communication</i> )	...	166
<b>Baile M P</b> Estimation of sulphite-cellulose extract in syntans	...	111
<b>Balint A and Reichel I</b> Separation component in synthesis of organic dyes	...	708
<b>Ballantine J A, Barrett C B, Beer R J S, Eardley S, Robertson A, Shaw B L and Simpson T H</b> Structure of violacein	...	454
<b>Ballio A and Marini-Bettolo G B</b> Constitution of cernouide, yellow pigment of flowers of <i>Oxalis cornuta</i>	...	493
<b>Baltimore Paint and Varnish Production Club</b> Instrumental colour reproduction of paint	...	112
<b>Bancroft &amp; Sons Co. J</b> Combined goffered and glazed chinis finish	...	70
Durable lustrous finish	...	108
Durable pleats	...	69
Multi-coloured durable tipped effects on embossed fabrics	...	566
<b>Bandel W</b> Infrared study of resin-treated cellulose hydrate films	...	672
Investigations into swelling of cellulose hydrate fibres	...	800
<b>Banerjee J C and Doja M Q</b> Synthesis of cyanine dyes from <i>p</i> -diethylaminobenzaldehyde	...	315
<b>Banky E C and Sien S B</b> Improved fibre rotator	...	76
<b>Bao Chi-min</b> Formation of phthalocyanine dyes on cotton	...	499
<b>Barak J</b> High-temperature dyeing of polyester fibres	...	804
<b>Baranov S N and Grishchuk A P</b> Preparation of azorhodanines	...	708
<b>Barbarin B V and Gorokhovskii Y N</b> Optical sensitisation of photographic emulsions	...	210
<b>Barrella A and Ruiz-Cuevas M</b> Application of yarn hairiness measurement techniques to control of gassing or singeing	...	619
<b>Barkey K T, Gielow R T, Lefferts E B and Malm C J</b> Chain-length breakdown of cellulose by acetic-acid solutions of water and sulphuric acid	...	585
<b>Barkin S, Elrich F R and Frank H P</b> Interaction of polyvinylpyrrolidone with azo dyes	...	105
<b>Barnes H T</b> Band systems for appraisal of colour rendering	...	507
<b>Barnett H M and Espoy H M</b> Oil extraction of bixin from Annatto seeds	...	700



	PAGE		PAGE
Barr T and McLeavy G Acid control in feltmaking ...	65	Bekasova N I, Korshak V V and Zamiatina V A Chemical decomposition of polyethylene terephthalate ...	810
„ and Yarwood J I Distillation apparatus for moisture determination ...	71	Hetero-chain polyesters ...	726
Barrett B J and Lindsley C H Methylation of cellulose xanthate ...	328	Bekku F See Azuma N ...	812
Barrett C B See Ballantine J A ...	434	Belcher R, Bhatti M K and West T S Determination of <i>N</i> -methyl groups and simultaneous determination of alkoxyl and <i>N</i> -methyl groups ...	728
Barry V C, Belton J G, O'Sullivan J F and Twomey D Oxidation of derivatives of <i>o</i> -phenylenediamine ...	432	„ Close R A and West T S Fast Sulphur Black P as indicator for titration of copper with ethylenediamine-tetra-acetic acid ...	217
Barthowicz S Fluorescence of disodium salt of 4:4'-diamino-stilbene-2:2'-disulphonic acid and Blancophor A ...	194	„ Leonard M A and West T S New colour reactions of phthalinecomplexone ...	327
Barton R W Bleaching pulp with combinations of peroxide and hydrosulphite ...	609	Preparation and analytical properties of <i>N,N</i> -di(carboxymethyl) aminomethyl derivatives of hydroxyanthraquinones ...	728
Bartulovich J J and Simmonds D H Amino acid composition of fractionated cortical cells from wool ...	668	„ Nutton A J and Stephen W I 3-Bromo- and 3:3'-dibromobenzidine as redox indicators ...	727
Barut J and Millet J Recovery of wool from sheepskin pieces ...	102	Belford D S, Myers A and Preston R D Adsorbed metal ions on surface of cellulose microfibrils ...	674
Basin A D and Bubernak J Electroanalysis of metallic copper applied to fabrics as metallo-organic fungicides ...	507	Bell J W, Veldsman D P and Whewell C S Modification of Krais-Markert-Viertel test. Supercontraction of keratin fibres in solutions of caustic potash ( <i>Communication</i> ) ...	85
„ and Kaplan A M Phototendering by anthraquinone-2:6-disulphonic acid on cotton ...	802	Bell R Pand Ramsden E N Kinetics of bromination of aromatic amines ...	430
Basu S N, Macmillan W G and Pal P N Rotproofing jute by treatment with soluble copper salts ...	69	Bell T E Solo-matic bleaching system ...	497
Bates R G and Bower V E Standards for pH measurements from 60° to 95°C ...	217	Bell W A and Gibson J M Degradation of cellulosic fibres in contact with rusting iron ...	439
Bateson N P Thickening agent for printing with vat dyes ...	491	Bellaton, Pierret and Rochas P Moisture content of samples exposed to sunlight and in the weather-ometer ...	887
Battelle Development Corp. Cellulosic materials resistant to shrinking ...	615	Bellili T Pilling and its prevention ...	721
Battista O A, Cornwell R T K and Tasker C W Heterogeneity of substitution in hydroxyethylcelluloses ...	674	Bellen Z Quantitative determination of formaldehyde and paraformaldehyde in presence of one another ...	447
Batzner H Formation of fibres ...	562	Belimann E E, Bellmann F and Kronsbein R Bleaching and dyeing beamed material under pressure ...	48
Baudet P and Cherbuliez E Ultramicrodetermination of total nitrogen in polypeptides and amino acids isolated from chromatograms or electrophorograms on paper ...	886	Wet processing textiles on perforated beams ...	672
Baumgartner H and Rebek M Estimation of acidity in cellulose ...	507	Belimann F See Bellmann E E ...	48, 672
Bavin P M G Preparation of amines and hydrazo compounds ...	314	Belton J G See Barry V C ...	432
Bayer P Moiré in colour reproduction of three-colour autotype ...	210	Belyakov V M, Korshak V V and Vinogradova S V Hetero-chain polyesters ...	503
Bayley C H, Fraser M E and Rose G R F 2:2'-Dihydroxy-3:3'-dichlorodiphenylmethane as textile fungicide ...	69	Polyesters from isomeric phthalic acids and from isomeric diphenyldicarboxylic acids ...	110
„ and Rose G R F Weathering characteristics of cotton fabrics containing copper-chromium ...	107	Bencze W L and Schmid K Determination of tyrosine and tryptophan in proteins ...	114
„ and Tweedie A S Discoloration of Orlon sweaters in dry cleaning ...	207	Bendigo C W Creslan acrylic fibre ...	320
„ and Weatherburn A S Effect of twist on soil retention ...	65	Bene E and Géczy I Determination of dyes in solution ...	504
Soil retention by textile fibres ...	565	„ and Géczy K Volumetric determination of dyes ...	676
Beal W Recent developments in dyeing for carpet trade ( <i>Lecture</i> ) ...	677	Benecke J H Finishing plastic sheets or coatings ...	108
Bear J L and Shine H J Benzidine-type rearrangement of aromatic disulphides ...	96	Benson G C and Hoeve C A J Statistical-mechanical theory of micelle formation in detergent solutions ...	93
Bear R S, Carlstrom D, Morgan R S and Wyckoff H N Optical diffractometer for X-ray diffraction studies of macromolecular structures ...	508	Berger L D Textile-processing chemicals ...	596
Beaumont R H and Houff W H Recognition of chemical damage in wool ( <i>Correspondence</i> ) ...	89	Bergman A G See Arestenko A P ...	94, 95
„ „ and Willis C J Chemical damage in wool by aqueous chlorine ...	325	Bergmann W and Jayme G Alkaline solutions of iron-tartrate acid complex as solvents for cellulose ...	674
Becco-Chemical Division, Food Machinery & Chemical Corp. Calcium and magnesium orthophosphates as stabilisers for peroxide bleaching baths for cotton ...	880	Bergwerksverband zur Verwertung von Schutzrechten der Kohletechnik Phthalocyanine-type colorants ...	877
Bechter H Tensioning rollers for stretching fabric weftways ...	188	Berlin A, Kirina E and Kuznetsova L Preparation of soluble modification of keratin ...	102
Beck E Detection of Rhodamine B in food ...	729	Berlin J S Photoreduction of bound dyes ...	75
Beck H and Rebek M Colorimetric estimation of Crystal Violet base taken up by acidic groups of cellulose ...	731	Bernardy G and Blum A Over-reduction and over-oxidation in printing with vat dyes ...	322
Beckerath H von Dyeing Helanca ...	804	„ and Wirth H Discharge printing polyester fibres ...	671
Beckmann R, Bleckert E and Butenandt A Preparation of pure rhodominin and ormatin D to establish structure ...	662	Rongalit II ...	107
Beckmann W and Glenz O Mechanism of dyeing acrylic fibres with basic dyes ...	106	Berndt W and Sára J Complexometric determination of copper in cupriethylenediamine solutions ...	731
Bedford R E and Wysocki G W Luminosity functions for various field sizes and levels of retinal illuminance ...	887	Bernhart D N and Chess W B Determination of pyrophosphate in soluble orthophosphates ...	503
Wavelength discrimination for point sources ...	508	Bersch C F See Achhammer B G ...	727
Bedon H D, Flory P J and Keefe E H Melting points and heats of fusion of polyamides and polyesters ...	503	Berstein I A Applications of radioactivity in textile industry ...	76
Beecken H, Krämer H, Matthies H G and Musso H Structure of orcin dyes ...	559	Establishing a radiochemical laboratory ...	811
„ and Musso H Constitution of $\alpha$ -, $\beta$ -, and $\gamma$ -amino-orcin ...	712	Berty I and Evva F Reaction of photographic dye components in gelatin solutions ...	76
Beer R J S See Ballantine J A ...	434	Best-Gordon H W and Thomas H A Control of textile quality in relation to consumer requirements ...	72
Beever D K and Valentine L Sorption of moisture by polymers ...	607	Betant G Influence of dispersion on colour of carbon black enamels ...	878
Behmann F W Water repellency and the physiological properties of textiles ...	808	Beyer S and Herfeld H Use of ammonium salts and enzymes instead of acid pickle in dressing fur skins ...	71



	PAGE		PAGE
<b>Beynon K I and Bowden S T</b> (Halogenophenyl) diphenyl-methyls and removal of nuclear halogen by silver ...	96	<b>Boltz D F and Hutchinson K</b> Spectrophotometric determination of nitrite and thiourea ...	504
( <i>m</i> -Hydroxyphenyl) diphenylmethanol and corresponding free radical ...	96	<b>Bombrini Parodi-Deifino</b> Fixing creases and pleats in cloths containing wool ...	326
Properties of ( <i>o</i> -hydroxyphenyl)diphenylmethanol and (3-hydroxy-2-naphthyl)diphenylmethanol ...	96	<b>Bonkáló T, Messik K and Szabó K</b> Capillary drying of textiles ...	211
Properties of triarylmethanols containing <i>p</i> -hydroxyl substituents and quinonoidation theory of free radicals ...	96	<b>Borasky R</b> Collagen reactivity with metals ...	109
<b>Bhalla M S and Hariharan P</b> Simple logarithmic ratio-recording spectrophotometer attachment ...	113	<b>Borecky J and Vecera M</b> Identification of anthraquinone-sulphonic acids ...	72
<b>Bhattacharjee H P and Macmillan W G</b> Analytical studies of photochemically degraded jute ...	439	<b>Boros O and Ruzznák I</b> Damage caused in cellulose by treatment with neutral system sodium formaldehyde-sulphoxylate-hydrogen peroxide ...	490
<b>Bhatty M K</b> See Belcher R ...	723	<b>Bose J</b> Estimation of formaldehyde by Romijn's method in presence of ammonium salts ...	447
<b>Bick H C</b> Nylon finish for increasing moisture absorbing properties ...	103	<b>Bose S M, Das B M and Joseph K T</b> Colorimetric quantitative estimation of crotonaldehyde and acrolein fixed in collagen ...	75
<b>Biebert E</b> See Beckmann R ...	662	„ and <b>Joseph K T</b> Effect of reactive groups of collagen on fixation of aldehydes ...	100
<b>Bierig E and Norwick B</b> Chromatographic identification of amino aldehyde resin finishes on textiles ...	113	<b>Boston Woven Hose &amp; Rubber Co.</b> Printed and embossed rubber ...	810
<b>Bigler N</b> Tests for distinguishing polyamide and polyester fibres ...	886	<b>Bouligaud J and Cyrot J</b> Influence of dyes on degradation of cotton by washing and bleaching ...	609
<b>Bihales N M, Gruber A H and Rapoport L</b> Effect of salts on cyanoethylation of cotton ...	505	<b>Boulton J</b> Critical appraisal of dyeing processes ...	609
<b>Binder W</b> Objective colour measurement ...	506	<b>Bouman M A and Walraven P L</b> Colour-naming experiments for red and green monochromatic lights ...	506
<b>Binte H J and Henseke G</b> Ketazine bishydrazones and their coloured salts ...	789	<b>Bouriot P</b> Comparative infrared spectroscopy of commercial polyamide fibres ...	443
<b>Birch A J and English R J</b> Chromophore of calythrone ...	51	<b>Bovy R and Lievens G</b> Non-ionic detergents in wool scouring and grease recovery ...	879
<b>Bird C L</b> Comparison of dyeing behaviour of disperse dyes with solubility in organic solvents ( <i>Communication</i> ) ...	688	<b>Bowater Research and Development Co.</b> Apparatus for coating paper ...	703
<b>Bitakey J and Möriz P</b> Brazilin as an acid-base indicator ...	678	<b>Bowcett J E L</b> Reactions of xanthate ion at air-water interface ...	567
<b>Birtles J A, Brooks J A, Iannarone J J and Landerl H P</b> Dyeing filament nylon with acid dyes ...	611	<b>Bowden S T</b> Radicals and radical stability ...	96
<b>Bjorksten Research Laboratories</b> Improving bonding between polyethylene terephthalate and adhesives ...	568	„ and <b>Zillich D T</b> (Ethoxyphenyl)diphenylmethanols and free radical ( <i>o</i> -ethoxyphenyl)diphenylmethyl ...	96
<b>Blair J</b> The grain-tree ( <i>Correspondence</i> ) ...	545	„ See <b>Beynon K I</b> ...	96
<b>Blanchfield R, Grant G A and Smith D M</b> Triarylmethane compounds as redox indicators in Schoenemann reaction ...	315	<b>Bower V E</b> See <b>Bates R G</b> ...	217
<b>Blanton R B, Coover H W and Wooten W C</b> Homopolymerisation of <i>N</i> -isopropylacrylamide ...	110	<b>Boydland E and Manson D</b> Oxidation of aromatic amines by perphosphoric acids ...	192
<b>Bleachers' Assocn.</b> Flame- and glow-resistant finish ...	722	<b>Bradbury J H</b> Determination of accessibility of wool to sorbates ...	447
<b>Bleich G</b> Crystallisation of organic pigments ...	218	<b>Bradford Dyers' Association</b> Patterned effects by dyeing ...	188
<b>Bloom M S</b> See <b>Dickey J B</b> ...	123	Untwisting materials in twisted rope form ...	595
<b>Blouin F A</b> See <b>Arthur J C</b> ...	606	Water-repellent agents ...	491
<b>Blum A</b> See <b>Bernard G</b> ...	322	Wrinkled or rippled finish ...	501
<b>Bobeth W and Kändler L</b> Testing setting of polyamide fibres by fluorescence microscopy ...	506	<b>Bradley W and Lee J G</b> Sulphuric esters of polycyclic quinols ...	51
<b>Bode A</b> Identification of dyes on textile fibres ...	111	„ and <b>Pandit P N</b> Use of aluminium chloride in characterisation of anthraquinone derivatives ...	72
<b>Bodes C and Nicora E</b> New carotenoid monohydroxy-carotene. Flixanthine ...	674	<b>Bradshaw G G</b> Errors in assessment of colour fastness ( <i>Correspondence</i> ) ...	88
<b>Bodfors B, Ehn E, Franzon O and Samuelson O</b> Determination of carboxyl groups in cellulose ...	116	<b>Bradshaw S N and Cluley A S</b> The finishing of cellulose triacetate fabrics with particular reference to setting, embossing, and pleating ( <i>Lecture</i> ) ...	842
<b>Bodor E</b> Polarographic investigations of organic metal complexes of quinalizarin ...	446	<b>Braithwaite &amp; Son Engineers I</b> Garment and hosiery pressing machines ...	659
<b>Bodor G</b> Change in properties of polycaprolactam (6-nylon) fibres on heating ...	320	<b>Brämer J</b> Universal decimal classification of fibres and textiles ...	102
Estimation of glass temperature of polyamides ...	506	<b>Brand B G, Delbert R J and Mueller E R</b> Effect of extender particle size on gloss of house paints ...	433
<b>Boehme Fettchemie</b>		<b>Braslavski A-N</b> Apparatus for determination of capillarity of fabrics ...	729
Fat-liquoring chrome-tanned hides ...	215	<b>Brassard P and Écuyer P L</b> Arylation of quinones by diazonium salts ...	553
Making leather water-repellent ...	445	<b>Braun F</b> Dyeing nylon hose ...	441
Polyalkylene oxide-polybasic carboxylic acid condensates ...	50	<b>Brazauskas V V and Klusis V V</b> Adsorption method in wool dyeing ...	804
Polyalkylene oxide wax derivatives for oiling fur skins ...	726	„ and <b>Purenas A K</b> Dyeing wool with solubilised vat dyes ...	718
Removing chromium soaps from wool or hair of chrome-tanned pelts ...	215	<b>Breneman E J</b> Dependence of luminance required for constant brightness on chromaticity and chromatic adaptation ...	730
Resins as tanning agents ...	726	<b>Brennan W E</b> Fibres and equipment used for non-woven fabric ...	797
Stable resinous precondensates as textile finishes ...	94	<b>Brentford Soap Co.</b> Cleansing compositions for surfaces contaminated with heavy-metal compounds ...	314
Tanning, retanning and filling ...	327	<b>Bretschneider H and Rogenhofer H</b> 4-Substituted 1:3-dihydroxy-2-naphthol acid ...	706
<b>Bogarty H and Harris H E</b> Laundering of woven wool fabrics in a modern home washing machine ...	801	<b>Brewer G E F</b> Electrostatic applications of polychromatic coatings ...	203
<b>Boggs R H and Taitel M</b> Need for standardising accelerated ageing tests for latex-backed fabrics ...	75	<b>Bricker C E and Parker G H</b> Precipitation of magnesium with (ethylenedinitrilo)-tetra-acetic acid ...	446
<b>Bogolevskii B M M A I I'inskii</b> ...	76	<b>Brightman R</b> History of British dyemaking ( <i>Correspondence</i> ) ...	190
<b>Bogren G G</b> Disposal of combined textile-finishing wastes and domestic sewage ...	734	<b>Bris M T L</b> and <b>Wahl H</b> Monoazo dye derivatives of 1:2-dimethylbenzimidazole ...	708
<b>Boguslawski K</b> Chromatographic analysis of ink ...	729		
<b>Böhlinger H</b> Profiled fibres of special cross-section and surface ...	103		
<b>Boido D, Bolle J, Jullig T and Ragon P</b> Quaternary ammonium compounds of polypeptide character ...	870		
<b>Bojanovic J, Maksimovic Z, Mihailovic M L J, Stefanovic G and Vandiel V</b> Condensations of <i>NN'</i> -aryl-methylenebisamides with phenols and naphthols ...	54		
<b>Bolle J</b> See <b>Boido D</b> ...	870		

	PAGE		PAGE
Barr T and McLeavy G Acid control in feltmaking ...	68	Bekasova N I, Korshak V V and Zamyatina V A Chemical decomposition of polyethylene terephthalate ...	810
„ and Yarwood J I Distillation apparatus for moisture determination ...	71	Hetero-chain polyesters ...	726
Barrett B J and Lindsley C H Methylation of cellulose xanthate ...	328	Bekku F See Azuma N ...	812
Barrett C B See Ballantine J A ...	434	Belcher R, Bhatti M K and West T S Determination of <i>N</i> -methyl groups and simultaneous determination of alkoxyl and <i>N</i> -methyl groups ...	728
Barry V C, Belton J G, O'Sullivan J F and Twomey D Oxidation of derivatives of <i>o</i> -phenylenediamine ...	432	„ Close R A and West T S Fast Sulphur Black F as indicator for titration of copper with ethylenediamine-tetra-acetic acid ...	217
Barthowicz S Fluorescence of disodium salt of 4:4'-diamino-stilbene-2:2'-disulphonic acid and Blancophor A ...	194	„ Leonard M A and West T S New colour reactions of phthaleincomplexone ...	327
Barton R W Bleaching pulp with combinations of peroxide and hydrosulphite ...	600	Preparation and analytical properties of <i>N,N</i> -di(carboxymethyl) aminomethyl derivatives of hydroxyanthraquinones ...	728
Bartulovich J J and Simmonds D H Amino acid composition of fractionated cortical cells from wool ...	668	„ Nutten A J and Stephen W I 3-Bromo- and 3:3'-dibromobenzidine as redox indicators ...	727
Barut J and Millet J Recovery of wool from sheepskin pieces ...	102	Belford D S, Myers A and Preston R D Adsorbed metal ions on surface of cellulose microfibrils ...	674
Baskin A D and Bubernak J Electroanalysis of metallic copper applied to fabrics as metallo-organic fungicides ...	507	Bell J W, Veldsman D P and Whewell C S Modification of Krais-Markert-Viertel test. Supercontraction of keratin fibres in solutions of caustic potash ( <i>Communication</i> ) ...	85
„ and Kaplan A M Phototendering by anthraquinone-2:6-disulphonic acid on cotton ...	802	Bell R P and Ramsden E N Kinetics of bromination of aromatic amines ...	430
Basu S N, Macmillan W G and Pal P N Rotproofing jute by treatment with soluble copper salts ...	69	Bell T E Solo-matic bleaching system ...	497
Bates R G and Bower V E Standards for pH measurements from 60° to 95°C ...	217	Bell W A and Gibson J M Degradation of cellulose fibres in contact with rusting iron ...	439
Batsyn N P Thickening agent for printing with vat dyes ...	491	Belleton, Pierret and Rochas P Moisture content of samples exposed to sunlight and in the weather-ometer ...	887
Battelle Development Corp. Cellulosic materials resistant to shrinking ...	615	Belleli T Pilling and its prevention ...	721
Battista O A, Cornwell R T K and Tasker C W Heterogeneity of substitution in hydroxyethylcelluloses ...	674	Bellen Z Quantitative determination of formaldehyde and paraformaldehyde in presence of one another ...	447
Batzner H Formation of fibres ...	562	Bellmann E E, Bellmann F and Kronsbein R Bleaching and dyeing beamed material under pressure ...	48
Baudet P and Cherbuliez E Ultramicrodetermination of total nitrogen in polypeptides and amino acids isolated from chromatograms or electrophorograms on paper ...	886	Wet processing textiles on perforated beams ...	672
Baumgartner H and Rebek M Estimation of acidity in cellulose ...	507	Bellmann F See Bellmann E E ...	48, 672
Bavin P M G Preparation of amines and hydrazo compounds ...	314	Belton J G See Barry V C ...	432
Bayer P Moiré in colour reproduction of three-colour autotype ...	210	Belyakov V M, Korshak V V and Vinogradova S V Hetero-chain polyesters ...	503
Bayley C H, Fraser M E and Rose G R F 2:2'-Dihydroxy-5:5'-dichlorodiphenylmethane as textile fungicide ...	69	Polyesters from isomeric phthalic acids and from isomeric diphenyldicarboxylic acids ...	110
„ and Rose G R F Weathering characteristics of cotton fabrics containing copper-chromium ...	107	Bencze W L and Schmid K Determination of tyrosine and tryptophan in proteins ...	114
„ and Tweedie A S Discoloration of Orlon sweaters in dry cleaning ...	207	Bendigo C W Creslan acrylic fibre ...	320
„ and Weatherburn A S Effect of twist on soil retention ...	65	Bene E and Géczy I Determination of dyes in solution ...	504
Soil retention by textile fibres ...	565	„ and Géczy K Volumetric determination of dyes ...	676
Beal W Recent developments in dyeing for carpet trade ( <i>Lecture</i> ) ...	677	Benecke J H Finishing plastic sheets or coatings ...	168
Bear J L and Shine H J Benzidine-type rearrangement of aromatic disulphides ...	96	Benson G C and Hoeve C A J Statistical-mechanical theory of micelle formation in detergent solutions ...	93
Bear R S, Carlstrom D, Morgan R S and Wyckoff H N Optical diffractometer for X-ray diffraction studies of macromolecular structures ...	508	Berger L D Textile-processing chemicals ...	596
Beaumont R H and Houff W H Recognition of chemical damage in wool ( <i>Correspondence</i> ) ...	89	Bergman A G See Arestenko A P ...	94, 95
„ „ and Wills C J Chemical damage in wool by aqueous chlorine ...	325	Bergmann W and Jayme G Alkaline solutions of iron-tartrate acid complex as solvents for cellulose ...	674
Becco-Chemical Division, Food Machinery & Chemical Corp. Calcium and magnesium orthophosphates as stabilisers for peroxide bleaching baths for cotton ...	880	Bergwerksverband zur Verwertung von Schutzrechten der Kohlentechnik Phthalocyanine-type colorants ...	877
Bechter H Tensioning rollers for stretching fabric weftways ...	188	Berlin A, Kirina E and Kuznetsova L Preparation of soluble modification of keratin ...	102
Beck E Detection of Rhodamine B in food ...	729	Berlin J S Photoreduction of bound dyes ...	75
Beck H and Rebek M Colorimetric estimation of Crystal Violet base taken up by acidic groups of cellulose ...	731	Bernardy G and Blum A Over-reduction and over-oxidation in printing with vat dyes ...	322
Beckerath H von Dyeing Helanca ...	804	„ and Wirth H Discharge printing polyester fibres ...	671
Beckmann R, Bickert E and Butenandt A Preparation of pure rhodominin and ommatin D to establish structure ...	662	Rongalit H ...	107
Beckmann W and Glenz O Mechanism of dyeing acrylic fibres with basic dyes ...	106	Berndt W and Šára J Complexometric determination of copper in cupriethylenediamine solutions ...	731
Bedford R E and Wysocki G W Luminosity functions for various field sizes and levels of retinal illuminance ...	887	Bernhart D N and Chess W B Determination of pyrophosphate in soluble orthophosphates ...	593
Wavelength discrimination for point sources ...	508	Bersch C F See Achhammer B G ...	727
Bedon H D, Flory P J and Keefer E H Melting points and heats of fusion of polyamides and polyesters ...	503	Berstein I A Applications of radioactivity in textile industry ...	76
Beecken H, Krämer H, Matthies H G and Musso H Structure of orein dyes ...	559	Establishing a radiochemical laboratory ...	811
„ and Musso H Constitution of $\alpha$ -, $\beta$ -, and $\gamma$ -amino-orein ...	712	Berty I and Evva F Reaction of photographic dye components in gelatin solutions ...	76
Beer R J S See Ballantine J A ...	434	Best-Gordon H W and Thomas H A Control of textile quality in relation to consumer requirements ...	72
Beever D K and Valentine L Sorption of moisture by polymers ...	607	Betant G Influence of dispersion on colour of carbon black enamels ...	878
Behrmann F W Water repellency and the physiological properties of textiles ...	808	Beyer S and Herfeld H Use of ammonium salts and enzymes instead of acid pickle in dressing fur skins ...	71

	PAGE		PAGE
<b>Beynon K I and Bowden S T</b> (Halogenophenyl) diphenyl-methyls and removal of nuclear halogen by silver ...	96	<b>Boltz D F and Hutchinson K</b> Spectrophotometric determination of nitrite and thiourea ...	504
( <i>m</i> -Hydroxyphenyl) diphenylmethanol and corresponding free radical ...	96	<b>Bombrial Parodi-Deifino</b> Fixing crosses and pleats in cloths containing wool ...	326
Properties of ( <i>o</i> -hydroxyphenyl)diphenylmethanol and (3-hydroxy-2-naphthyl)diphenylmethanol ...	96	<b>Bonkáló T, Messik K and Szabó K</b> Capillary drying of textiles ...	211
Properties of triarylmethanols containing <i>p</i> -hydroxyl substituents and quinonoidation theory of free radicals ...	96	<b>Borasky R</b> Collagen reactivity with metals ...	109
<b>Bhalla M S and Hariharan P</b> Simple logarithmic ratio-recording spectrophotometer attachment ...	113	<b>Borecky J and Vecsfa M</b> Identification of anthraquinone-sulphonic acids ...	72
<b>Bhattacharjee H P and Macmillan W G</b> Analytical studies of photochemically degraded jute ...	439	<b>Boros O and Rusznák I</b> Damage caused in cellulose by treatment with neutral system sodium formaldehyde-sulphoxylate-hydrogen peroxide ...	499
<b>Bhatty M K</b> See Belcher R ...	723	<b>Bose J</b> Estimation of formaldehyde by Romijn's method in presence of ammonium salts ...	447
<b>Bick H C</b> Nylon finish for increasing moisture absorbing properties ...	108	<b>Bose S M, Das B M and Joseph K T</b> Colorimetric quantitative estimation of crotonaldehyde and acrolein fixed in collagen ...	75
<b>Blebert E</b> See Beckmann R ...	662	„ and <b>Joseph K T</b> Effect of reactive groups of collagen on fixation of aldehydes ...	109
<b>Blierig E and Norwick B</b> Chromatographic identification of amino aldehyde resin finishes on textiles ...	113	<b>Boston Woven Hose &amp; Rubber Co.</b> Printed and embossed rubber ...	810
<b>Bigler N</b> Tests for distinguishing polyamide and polyester fibres ...	886	<b>Bouligaud J and Cyrot J</b> Influence of dyes on degradation of cotton by washing and bleaching ...	609
<b>Bikales N M, Gruber A H and Rapoport L</b> Effect of salts on cyanoethylation of cotton ...	565	<b>Boulton J</b> Critical appraisal of dyeing processes ...	609
<b>Binder W</b> Objective colour measurement ...	506	<b>Bouman M A and Walraven P L</b> Colour-naming experiments for red and green monochromatic lights ...	506
<b>Binte H J and Henseke G</b> Ketazine bishydrazones and their coloured salts ...	789	<b>Bouriot P</b> Comparative infrared spectroscopy of commercial polyamide fibres ...	443
<b>Birch A J and English R J</b> Chromophore of calythrone ...	51	<b>Bovy R and Lievens G</b> Non-ionic detergents in wool scouring and grease recovery ...	879
<b>Bird C L</b> Comparison of dyeing behaviour of disperse dyes with solubility in organic solvents ( <i>Communication</i> ) ...	688	<b>Bowater Research and Development Co.</b> Apparatus for coating paper ...	703
<b>Bitakey J and Moritz P</b> Brazilin as an acid-base indicator ...	676	<b>Bowcett J E L</b> Reactions of xanthate ion at air-water interface ...	567
<b>Bittles J A, Brooks J A, Iannarone J J and Landeri H P</b> Dyeing filament nylon with acid dyes ...	611	<b>Bowden S T</b> Radicals and radical stability ...	96
<b>Bjorksten Research Laboratories</b> Improving bonding between polyethylene terephthalate and adhesives ...	568	„ and <b>Zillich D T</b> (Ethoxyphenyl)diphenylmethanols and free radical ( <i>o</i> -ethoxyphenyl)diphenylmethyl ...	96
<b>Blair J</b> The grain-tree ( <i>Correspondence</i> ) ...	545	„ See <b>Beynon K I</b> ...	96
<b>Blanchfield R, Grant G A and Smith D M</b> Triarylmethane compounds as redox indicators in Schoenemann reaction ...	315	<b>Bower V E</b> See <b>Bates R G</b> ...	217
<b>Blanton R B, Coover H W and Wooten W C</b> Homopolymerisation of <i>N</i> -isopropylacrylamide ...	110	<b>Boylan E and Manson D</b> Oxidation of aromatic amines by perphosphoric acids ...	192
<b>Bleachers' Assocn.</b> Flame- and glow-resistant finish ...	722	<b>Bradbury J H</b> Determination of accessibility of wool to sorbates ...	447
<b>Bleich G</b> Crystallisation of organic pigments ...	218	<b>Bradford Dyers' Association</b> Patterned effects by dyeing ...	188
<b>Bloom M S</b> See <b>Dickey J B</b> ...	123	Untwisting materials in twisted rope form ...	595
<b>Blouin F A</b> See <b>Arthur J C</b> ...	606	Water-repellent agents ...	401
<b>Blum A</b> See <b>Bernardy G</b> ...	322	Wrinkled or rippled finish ...	501
<b>Bobeth W and Kändler L</b> Testing setting of polyamide fibres by fluorescence microscopy ...	506	<b>Bradley W and Lee J G</b> Sulphuric esters of polycyclic quinols ...	51
<b>Bode A</b> Identification of dyes on textile fibres ...	111	„ and <b>Pandit P N</b> Use of aluminum chloride in characterisation of anthraquinone derivatives ...	72
<b>Bodea C and Nicourea E</b> New carotenoid monohydroxy-carotene, Fisoanthine ...	874	<b>Bradshaw G G</b> Errors in assessment of colour fastness ( <i>Correspondence</i> ) ...	88
<b>Bodfors B, Ehn E, Franzon O and Samuelson O</b> Determination of carboxyl groups in cellulose ...	116	<b>Bradshaw S N and Cluley A S</b> The finishing of cellulose triacetate fabrics with particular reference to setting, embossing, and pleating ( <i>Lecture</i> ) ...	842
<b>Bodor E</b> Polarographic investigations of organic metal complexes of quinalizarin ...	446	<b>Braithwaite &amp; Son Engineers I</b> Garment and hosiery pressing machines ...	659
<b>Bodor G</b> Change in properties of polycaprolactam (6-nylon) fibres on heating ...	320	<b>Brämer J</b> Universal decimal classification of fibres and textiles ...	102
Estimation of glass temperature of polyamides ...	506	<b>Brand B G, Deibert R J and Mueller E R</b> Effect of extender particle size on gloss of house paints ...	438
<b>Boehme Fettchemie</b> ...		<b>Braslavskii A-N</b> Apparatus for determination of capillarity of fabrics ...	739
Fat-liquoring chrome-tanned hides ...	215	<b>Brassard P and Écuyer P L</b> Arylation of quinones by diazonium salts ...	559
Making leather water-repellent ...	445	<b>Braun F</b> Dyeing nylon hose ...	441
Polyalkylene oxide-polybasic carboxylic acid condensates ...	50	<b>Brazasuskas V V and Klusis V V</b> Adsorption method in wool dyeing ...	804
Polyalkylene oxide wax derivatives for oiling fur skins ...	726	„ and <b>Purenas A K</b> Dyeing wool with solubilised vat dyes ...	718
Removing chromium soaps from wool or hair of chrome-tanned pelts ...	215	<b>Breneman E J</b> Dependence of luminance required for constant brightness on chromaticity and chromatic adaptation ...	790
Resins as tanning agents ...	726	<b>Brennan W E</b> Fibres and equipment used for non-woven fabric ...	797
Stable resinous precondensates as textile finishes ...	94	<b>Brentford Soap Co.</b> Cleansing compositions for surfaces contaminated with heavy-metal compounds ...	314
Tanning, retanning and filling ...	327	<b>Bretschneider H and Rogenhofer H</b> 4-Substituted 1:3-dihydroxy-2-naphthoic acid ...	706
<b>Bogarty H and Harris H E</b> Laundering of woven wool fabrics in a modern home washing machine ...	801	<b>Brewer G E F</b> Electrostatic applications of polychromatic coatings ...	203
<b>Boggs R H and Taitel M</b> Need for standardising accelerated ageing tests for latex-backed fabrics ...	75	<b>Bricker C E and Parker G H</b> Precipitation of magnesium with (ethylenedinitrilo)-tetra-acetic acid ...	446
<b>Bogoslavskii B M M A Il'inakli</b> ...	76	<b>Brightman R</b> History of British dyemaking ( <i>Correspondence</i> ) ...	90
<b>Bogren G G</b> Disposal of combined textile-finishing wastes and domestic sewage ...	784	<b>Bris M T Le and Wahl H</b> Monoazo dye derivatives of 1:2-dimethylbenzimidazole ...	708
<b>Boguslawski K</b> Chromatographic analysis of ink ...	729		
<b>Böhringer H</b> Profiled fibres of special cross-section and surface ...	103		
<b>Boldo D, Bolle J, Jullig T and Ragon P</b> Quaternary ammonium compounds of polypeptide character ...	870		
<b>Bojanovic J, Maksimovic Z, Mihailovic M L J, Stefanovic G and Vandjel V</b> Condensations of <i>NN'</i> -aryl-methylenebisamides with phenols and naphthols ...	54		
<b>Bolle J</b> See <b>Boldo D</b> ...	870		



	PAGE		PAGE
<b>British Celanese Ltd.</b>		<b>Buckley D, Dunstan S and Henbest H B</b> Reactions of aliphatic tertiary amines with quinones. Detection of dehydrogenation by formation of coloured dialkyl-aminovinylquinones ...	193
Applying vat dyes to cellulose acetate ...	323	„ <b>Henbest H B and Slade P</b> Synthesis of substituted amino-, aminovinyl- and aminobutadienyl- <i>p</i> -quinones ...	193
Azoic dyeing of cellulose triacetate ...	564	<b>Buckman Laboratories</b> Barium borates as preservatives for paint films ...	878
Delustring acetate rayon ...	566	<b>Bugal P M</b> Spectrophotometric study of diphenylamine and derivatives in concentrated sulphuric acid ...	95
Dyeing cellulose triacetate with azoic dyes ...	564	<b>Bühler M</b> Assessment of fastness to perspiration ...	731
Examining translucent or transparent sheets ...	328	Relation between constitution and activity of antistatic agents ...	429
Finishing cellulose triacetate cloth ...	673	<b>BdLock J D</b> See Allport D C ...	196
Gas-fume fading inhibitors for acetate rayon or polyester fibres ...	557	<b>Bülow U and Horrdin S</b> Errors in assessment of colour fastness ...	73
Light weight cellulose acetate cloths having good resistance to development to differential lustre effects ...	722	Errors in assessment of colour fastness ( <i>Correspondence</i> ) ...	89, 421
Pattern Cards, etc. ...	310	<b>Buntpapierfabrik</b> Glossy, matt or patterned surfaces on paper ...	70
Pile fabric ...	673	<b>Buras E M</b> Chemical modifications of natural fibres ...	204
Setting cellulose triacetate fabrics ...	722	„ <b>Cooper A S and Cruz M D</b> Control analyses of solutions used in partial acetylation of cotton ...	507
Setting cellulose triester textiles in three-dimensional form ...	722	„ and <b>Harris M</b> Fifty years of chemical progress in textiles ...	562
Surface treatment of thermoplastic film ...	563	„ and <b>Sloan W G</b> Improvement of heat endurance of cotton by treatment with diacydiamide ...	68
Water-proof non-flammable textiles ...	108	<b>Burchfield H P</b> Molecular rearrangement in reaction of cysteine with 1-fluoro-2,4-dinitrobenzene ...	445
<b>British Cotton Industry Research Assocn.</b> Applying substances to a moving length of material ...	565	<b>Burgers J, Hoefnagel M A, Verkade P E, Visser H and Wepster B M</b> Steric effects on mesomerism ...	706
Pressure rollers ...	658	<b>Burgess S</b> ... and inwardly digest ( <i>Lecture</i> ) ...	458
<b>British Cotton &amp; Wool Dyers' Assocn.</b> Applying patterns to cylindrical wire gauze printing screens ...	323	<b>Burgis A W, Grant J N, Orr R S and Weiss L C</b> Physical properties of fibres and yarns of partially acetylated cottons ...	323
Warp dyeing machines ...	703	<b>Burley R W and Horden F W A</b> Action of <i>N</i> -ethylmaleimide on wool and its use for estimation of thiol groups ...	447
<b>British Industrial Plastics</b> Durable stiffened finishes on synthetic fibre or thermoplastic cellulose fabrics ...	212	<b>Burlington Engineering Co.</b> Pressure dyeing machine for fabrics ...	595
Mechanical finishing of regenerated cellulose fabrics ...	882	<b>Burnham R W</b> Visual selection of colour-film neutrals. Standard observer ...	730
<b>British Jute Trade Research Assocn.</b> Flame-resistant finish of high fastness to leaching ...	212	„ <b>Clark J R and Newhall S M</b> Comparison of successive with simultaneous colour matching ...	74
<b>British Nylon Spinners</b> Crimped nylon hose ...	615	Space error in colour matching ...	506
Light-stable titanium dioxide-delustrated nylon ...	879	„ <b>Evans R M and Newhall S M</b> Prediction of colour appearance with different adaptation illuminations ...	74
<b>British Paints</b> Resin finishes ...	325	<b>Burns E M, Cashen N-A and DuPré A M</b> Laboratory apparatus for chemical modification of cotton yarn ...	113
<b>British Rayon Research Assocn.</b> Heat treatment of textiles in fluid bed ...	784	<b>Bush W V and Zechmeister L</b> Cleavage products of boron trifluoride complexes of $\alpha$ -carotene, lycopene and $\gamma$ -carotene ...	663
Measuring lustre of textile fabrics and yarns ...	508	<b>Bussmann G</b> Plate chromatography in dye analysis ...	676
<b>British Scientific Instrument Assocn.</b> Measuring relative humidity ...	620	<b>Butenandt A</b> See Beckmann R ...	662
<b>British Titan Products Co.</b> Silica ...	667	<b>Butler M L, Marsh P B, Merola G V and Simpson M E</b> Influence of weathering prior to harvest on properties of cotton fibres ...	608
Titanium dioxide ...	438	<b>Butterworth A</b> Application of azo pigments to nylon ( <i>Correspondence</i> ) ...	480
<b>Britons Chemicals</b> Coating fabrics ...	69	<b>Butterworth &amp; Sons Co. H W</b> Continuous treatment of fabric ...	557
<b>Britt C J and Wagg R E</b> Dirt removal from cotton ...	65	<b>Buu-Hoi Ng Ph, Jacquignon P and Long C T</b> Polymethylated homologues of 3:4-benzacridine and 3:4-benzocarbazole ...	195
<b>Broadhurst R</b> See Haddfield H R ...	387	<b>Buzelin A</b> Non-woven fabrics ...	562
<b>Brockmann H</b> Photodynamically active plant pigments ...	195	<b>Býkov A N, Ivanova M I and Pakshver A B</b> Changing properties of polyamide fibres by occlusion process ...	608
<b>Broda E, Hromatka O and Petzelbauer L</b> <sup>14</sup> C-labelled 4-dimethylaminoazobenzene ...	707	<b>Bywater W</b> Driving mechanism for roller felting machines ...	870
<b>Brode W R, Corning M E, Gould J H and Inscoll M N</b> Interaction of direct azo dyes in aqueous solution ...	492	Roller felting machines ...	658
<b>Brooker L G S and Vitum P W</b> Century of progress in synthesis of dyes for photography ( <i>External Address</i> ) ...	705		
<b>Brooks E H and Thompson E H</b> Plant for washing loose fibres ...	783		
<b>Brooks J A</b> See Bittles J A ...	611		
<b>Broos M</b> Removing burn or scorch marks from fabric ...	606		
<b>Brouillard R E</b> Advances in phthalocyanine technology ...	195		
<b>Brown J L</b> Combined treatment of bleachery waste and domestic sewage ...	784		
<b>Brown R D, Collier B A W and Heffernan M L</b> Mechanism of coupling diazonium salts with indazole ...	661		
<b>Brown W G and Roderick W R</b> Colourless and yellow forms of <i>N</i> -hydroxyphthalimide ...	53		
<b>Brown W R J</b> Colour discrimination of twelve observers ...	74		
<b>Brown-Allen Chemicals</b> Photochemical multicolour printing of textiles, etc. ...	442		
<b>Brudy V G, Globus R L, Gracheva L I and Grozovskaya A M</b> Production of lead cyanamide as varnish and paint pigment ...	663		
<b>Brugger F and Páris L</b> Analysis of used fur dyeing baths containing oxidation dyes ...	220		
Oxidation dyeing of furs ...	675		
<b>Brune K and Jullander I</b> Relation between brightness reversion and carbonyl content in cellulose pulp ...	673		
<b>Bruning Co. C</b> Diazotype material ...	500		
<b>Brunner R, Obeith A E, Pick G and Scheibe G</b> Mechanism of supersensitisation ...	67		
<b>Brunschweiler E</b> Determination of fastness to weathering ...	731		
<b>Bryant F</b> Fibrous acetylation of cotton yarn ...	613		
<b>Brzeziński J, Jedrusiak Z and Majzner J</b> Bisulphite as agent for binding free formaldehyde in crease-resist finishing baths ...	671		
<b>Bubernak J</b> See Baskin A D ...	507		
<b>Buck A M</b> Art of costume ( <i>London Lecture</i> ) ...	320		
		<b>C</b>	
		<b>Cabot G L</b> Densifying colour grade carbon blacks ...	605
		Electrolytic treatment of carbon black ...	715
		Furnace black ...	667
		Iron oxide pigments ...	605
		Pelleting finely divided solids such as carbon black with liquids ...	667
		Recovering finely divided pigments from gases ...	666
		<b>Cadegans N G</b> Dry paint mixture ...	204
		<b>Cairns T L, Carboni R A, Coffman D D, Engelhardt A V, Heckert R E, Little E L, McGeer E G, McKusick B C, Middleton W J, Scribner R M, Theobald C W and Winberg H E</b> Preparation and reactions of tetracyanoethylene ...	661
		„ <b>Coffman D D, Heckert R E, McKusick B C and Mower H F</b> Triarynavinylamines—a new class of dyes ...	661

	PAGE		PAGE
Calvin M, Fujimori E and Tollin G Action and emission of luminescence of green plant materials ...	711	Celanese Corporation of America—continued	
Calvo J M Paper chromatography of organic colorants in food ...	729	Pad-steam for cellulose triacetate blends ...	441
Cameron A, Giles C H and MacEwan T H Reactions of casein with dyes and aromatic solutes and their relation to adsorption by protein fibres ...	408	Vat dyeing cellulose ethers and esters ...	670
Reactions in surface films of acetates and ketones, and their relation to adsorption by cellulose acetate ...	104	Wet treatment of yarn on yarn advancing rollers ...	198
Camp M and Durham K Rate of wetting textiles by detergent systems ...	790	Celotex Corp. Flame-resistant film-forming composition ...	204
Campbell D S E, Cathcart D and Giles C H Role of hydrogen bonds in dyeing processes ...	104	Centola G Laminar structure and textile fibres ...	502
„ and Giles C H Study of physical state of Methylene Blue in dyed films and its relation to light fading rates (Communication) ...	164	Central Laboratory of the Cellulose Industry Brightness of bleached pulp. Tentative standard CCA27:54 ...	731
Campbell P W, Kiser L H, Rutherford H A and Tezler O Relative order of stability of cellulosic fibres ...	798	Cerretti G and Spandrio L Colorimetric determination of tyrosine ...	114
Campbell T W Polymerisation of acrylonitrile by boron trifluoride ...	503	Cerniani A Monoazo compounds from furyl acetylides ...	787
Canadian Industries Coating compositions ...	502	Thianthren azo dyes for wool ...	409
Cannan J J Sampling travelling webs ...	313	„ and Cordella G Azoic dyes by use of furyl coupling components ...	102
Cantagalli P and Gori R De Extraction and identification of synthetic dyes in foods ...	218	Monoazo dyes from furylacetylides and dibenzofuran ...	102
Capponi M Determination of dye solubility ...	327	Cestaro J P and Dunn E J Spectrographic analysis of lead pigments, oxides and metal ...	504
Carboul R A See Cairns T L ...	661	Chadeloid Corp. Azo dyes from citrus flavanones as wood stains ...	790
Caribonum Manifolded ...	725	Dyeing and staining wood ...	322
Self-manifolded sheet material ...	881	Staining and filling wood ...	732
Spirit-reproducing carbon papers ...	720	Chadwick S and Neale S M Isopiestic measurements of electrolyte activity. Sky Blue FF and sodium polymethacrylate ...	504
Carlisle Chemical Works Driers ...	40	Chalmers J G, Lenihan J M A and Smith H Arsenic in detergents ...	704
2-Ethylhexoic acid derivatives of zirconyl acid as driers ...	40	Champetier G and Parisot A Weak points in chains of natural cellulose fibres ...	100
Tin or zirconium compounds as catalysts for curing silicones ...	191	Chatfield H W Mica in emulsion paints ...	667
Carlson E J, Filnt G, Gilbert E E and Nychka H R Sulphonation with sulphur trioxide ...	506	Chatakl P I Interaction of oxidation bases and oxidising agents in fur dyeing ...	66, 502
Carlston E F and Lum F G <i>m</i> -Xylenediamine polyamide resins ...	71	Cheetham R C and Edwards H D Determination of performance of fibre blends in wet processing (Lecture) ...	77
Carlström D See Bear E S ...	508	Chemical Co. B B Providing articles with pile finish ...	888
Carney C R Treating fur skins ...	729	Chemische Fabrik Wesseling Finely divided pigments especially Berlin Blue ...	605
Carolina Rubber Hose Co. Winch for dyeing machine ...	505	Chemische Werke Huls	
Carpenter D K, Flory P J and Spurr O K Intrinsic viscosities of cellulose derivatives ...	502	Adherent synthetic resin coatings on pergamin and parchment papers ...	214
Carra M Silicone resins in finishing ...	220	Aqueous dispersion of styrene-butadiene copolymers as coatings for washable wallpapers, foils, etc. ...	613
Cartier E G H New developments in wool industry ...	721	Durable elastic stoving compositions ...	204
Casafoana J F Driving mechanism for raising machines ...	188	Pigment prints using styrene-butadiene copolymer binder ...	107
Cashen N-A See Burns E M ...	113	Polyvinyl chloride pastes for coating textiles ...	705
Casinovi C G, Chiavarelli S and Marini-Bettolo G B Constitution of polysalidin, yellow pigment of <i>Lepidophyllum Quadrangulare</i> ...	712	Chemstrand Corp.	
Cassella Farbwerke Mainkur		Bleaching acrylonitrile fibres ...	718
Adding sulphur dyes to viscose spinning solutions ...	103	Dyeing polyacrylic fibres ...	67
Black, dark blue and dark green trisazo dyes for leather ...	714	Solvent for acrylonitrile polymers ...	190
Black trisazo dye for leather ...	791	Solvent for linear condensation polymers ...	796
Dyeing with sulphur dyes ...	208	Solvent for linear polyamides ...	871
Phthalocyanine sulphur dyes ...	61	Stabilised solutions of acrylonitrile polymers ...	402
Printing with azoic compositions ...	564	Union dyeing of blends of polyacrylonitrile fibres and basic nitrogenous fibres ...	504
Red anthraquinone vat dyes ...	316, 436	Cherbulier E See Boudet P ...	886
Stable dispersions of vinylidene-vinyl copolymers ...	40	Cherkinskii B E, Druskin L I, Gorodov K I and Vigdorchik D V Use of gas heating for drying cans ...	48
Sulphur-containing phthalocyanine dyes ...	495	Chester L Bleaching with peroxide ...	860
Sulphur-containing vat dye ...	437	„ and Woodford G C Aspects of bleaching with hydrogen peroxide and with peracetic acid (Lecture) ...	581
Cater C W, Nalsmith W E F, Thomson R H K and Ure G R Arachin molecule ...	445	Chess W B See Bernhart D N ...	509
Cathcart D See Campbell D S E ...	104	Chiavarelli S See Casinovi C G ...	712
Celanese Corporation of America		Chicopee Manufacturing Co. Non-woven fabric ...	883
Antistatic lubricant for organic derivatives of cellulose ...	705	Chojnacki A and Zabowski J Purifying effluent from natural silk industry ...	180
Beam for fabrics to be wet processed ...	188	Cholnoky L, Szabó D and Szabolcs J Structure of capsanthin and capsorubin ...	559
Colouring polymeric esters or ethers ...	67	Chopard-dit-Jean L H, Isler O, Montavon M, Rüegg R and Zeller P Synthesis of 11:11'-di- <i>cis</i> - $\beta$ -carotene by new method ...	53
Continuous treatment of filamentary materials ...	557	Chowdhury S K Size of intermolecular spaces and capillaries in jute fibres revealed by X-ray analysis ...	318
Dyeings of good wash fastness on cellulose acetate ...	490	Christie A A, Kerr J R W, Knowles G and Lowden G F Colorimetric determination of chromium in sewage and industrial wastes ...	446
Dyeing organic derivatives of cellulose blue with azoic dyes ...	441	Chrzczonowicz S Polymerisation of $\epsilon$ -caprolactam ...	205
Gas-fume fading inhibitors for use in spinning solutions ...	401	„ and Tomaszewski J Copolymerisation of $\epsilon$ -caprolactam with 2-vinyl-pyridine or 2-methyl-6-vinylpyridine ...	617
Imparting affinity for acid dyes to cellulose acetate fibres ...	608	Ciba Ltd.	
Improving fastness to washing of disperse dyes on acetate rayon ...	615	Addition compounds containing selenium as disperse dyes ...	317
Improving printability of polyethylene films ...	210	Amino-triaryl-carbinols and triarylmethane dyes ...	876
Knitting lubricants for cellulose acetate or other organic derivative of cellulose ...	314	Anthraquinone dyes and intermediates ...	60
Nitroarylamines disperse dyes ...	600		
Nitro-diphenylamine disperse dyes ...	600		
Organic derivatives of cellulose more receptive to printing inks, etc. ...	502		

	PAGE		PAGE
<b>Ciba Ltd.—continued</b>		<b>Cohen S and Endler A S</b> Efficiency of Orion dye-retarding agents in relation to chemical structure...	804
Anthraquinone dyes for wool and polyamide fibres ...	60	„ and <b>Maurice P</b> Staining wood to resemble walnut ...	209
Anthraquinone vat dyes ... 99, 494, 602	60	<b>Cole R J</b> Flotation ...	101
Anthraquinone vat dyes and pigments ...	60	<b>Colgate-Palmolive Co.</b> Bleaching composition ...	93
Azoic dyes. Triazines from <i>N</i> -substituted-5-sulpho-anthranilic acids ...	60	Heavy duty detergent ...	785
Azoic dyes. Use of <i>o</i> -( <i>o</i> -carboxyphenylamino)-aliphatic acids in preparing triazines ...	602	<b>Collé H</b> Dyeing wool/polyester blends ...	804
Cationic softening agents for cellulose ...	93	<b>Coller B A W</b> See <b>Brown R D</b> ...	661
Cobalt-complex monoazo dyes for wool, nylon, etc. ...	198	<b>Collins &amp; Aikman Corp.</b> Dyeing and finishing frieze and pile fabrics containing man-made fibres ...	564
Cobalt and copper-complex monoazo pyrazolone dyes for wool, nylon, etc. ...	58	Winch for dye vessel ...	595
Copperable disazo direct dyes ...	55	<b>Columbia Cellulose Co.</b> Reducing ash content of cellulose ...	498
Dyeing nitrogenous fibrous material ...	66	<b>Columbia Ribbon &amp; Carbon Mfg. Co.</b> Transfer sheet ...	806
Dyeing nitrogenous fibrous materials with anthraquinoid acid dyes ...	670	<b>Columbian Carbon Co.</b> Carbon black ... 438, 495, 796	
Dyeing or printing polyacrylonitrile fibres ...	66	Silicon dioxide ...	715
Dyeing vinyl polymers ...	719	Zinc ferrite pigment ...	318
Dyeing wool with sulphonated copper phthalocyanine ...	670	<b>Columbia-Southern Chemical Corp.</b> Aluminium silicate as rubber pigment ...	562
Dyeings of excellent fastness to potting ...	66	Silica ... 715, 796	
Embossed prints ...	107	Siliceous brightening additive ...	724
Flame-resistant finish ...	501	Siliceous pigment ...	562
Fluorescent brightening agents ...	714	Writing paper ...	724
Indanthrone vat dyes ...	200	<b>Commercial Decal Transfers for ceramics</b> ...	720
Metal complexes of mixtures of two monoazo dyes ...	791	<b>Commonwealth Engineering Co.</b>	
Metal-complex monoazo pyrazolone dyes for wool, nylon, etc. ... 97, 198, 601		Benzyl dextrins in non-hygroscopic lacquers ...	797
Monoazo acid dyes having an <i>N</i> -(halogenoacyl)-sulphonamide group ...	560	Colloidal dispersion of dextran for finishing textiles ...	429
Monoazo dyes soluble in fats, waxes, organic solvents, etc. and having water-repellent properties ...	434	Coloured glass fibres ...	881
Nitrophenylamine disperse dyes ...	437	Colouring citrus fruits ...	67
Nitrogenous condensates as auxiliary and finishing agents	190	Dextran xanthate as adhesive for non-woven fabrics ...	94
Pattern Cards, etc. ... 310, 594, 780, 868		Moisture-resistant paper ...	725
Polyhydroxy- $\beta$ -acylaminoanthraquinone disperse dyes...	602	Solutions of dextran in boron trifluoride as textile finishes and as fibres ...	596
Polymerisable and co-polymerisable amide-like finishes...	49	Wood stains from flavonoid compounds ...	604
Polyvinylpyrrolidone as levelling and stripping agent ...	786	<b>Commonwealth Scientific and Industrial Research Organisation (Australia).</b> Carbonising wool stock by improved sulphuric acid method ...	206
Preparation of <i>N</i> -(6-sulpho-1-naphthyl)- $\gamma$ acid ...	712	<b>Compagnie Française des Matières Colorantes</b> See <b>Fran</b>	
Protection of textiles against attack by micro-organisms	324	<b>Comptoir de l'Industrie</b> Drying warps, fabrics, etc. ...	658
Quaternary ammonium derivatives of unsaturated esters and amides and polymers as finishing and auxiliary agents ...	659	<b>Conix A</b> Aromatic polyanhydrides. New class of fibre-forming polymers ...	717
Reducing foaming tendency and enhancing wetting power of mercerising lyes ...	491	<b>Conlon L E and Hurwitz M P</b> Dialdehydes as cotton cellulose cross-linkers ...	613
Trisazo direct dyes for aftercoppering ...	59	<b>Conrad C M, Orr R S, Tripp V W and Zilke H M</b> Relation between structure and mechanical behaviour of cotton „ and <b>Segal L</b> Characterisation of cellulose derivatives by X-ray diffractometer ...	114
Water-repellent coatings for fibrous materials ...	69	<b>Constantinesco D G and Oteleanu R</b> Determination of quercetin and rutin ...	218
Yellow metal-complex monoazo pyrazolone dyes for wool, etc. ...	713	<b>Cooke R G, Johnson B L and Owen W R</b> Bromination of 2,7-dihydroxynaphthalene ...	430
Yellow and orange disazo pigments and azoic dyes ...	435	<b>Cooper A S</b> See <b>Buras E M</b> ...	507
<b>Ciba Clayton Ltd.</b> Pattern Cards, etc. ...	780	<b>Cooper D</b> Colour fastness to washing of household detergents	206
<b>Cichowski Z and Wydryzski S</b> Shape of cross-section of viscose rayon fibre ...	205	<b>Cooper R E and Wassermann A</b> Influence of ion exchange on size and shape of chain-like polyelectrolyte molecules	442
<b>Clark J R</b> See <b>Burnham R W</b> ...	74, 506	<b>Coote H E and Fraunhofer H von</b> Dupe negatives in colour cinematography ...	671
<b>Clarke W G and Drautz W G</b> Crystal Violet for shading blacks for carbon paper and hectograph inks ...	318	<b>Coover H W, Crawford R T, Ivey W R and Wooten W C</b> Verel modified acrylic fibre... ..	322
<b>Clay H F</b> Photochemical changes on pigment surfaces ...	97	„ <b>Lyon H R and Wooten W C</b> Identification and determination of Verel fibre ...	886
<b>Clayton H and Sellgsberger L</b> Action of acrylonitrile and acrylamide on collagen ...	445	„ See <b>Blanton R B</b> ...	110
<b>Clayton R L, Loeb L, Phillips F J and Segal L</b> Oil- and water-repellent treatments for cotton with fluorochemicals ...	614	<b>Corbett W M and Richards G N</b> Degradation of cellulose by aqueous sodium hydroxide at 170°C. ...	214
<b>Clayton Dyestuffs Co. Ltd.</b> Pattern Cards, etc. ...	311	<b>Cordella G</b> Orange to red azo disperse dyes from 1-methyl-2-( <i>p</i> -aminophenyl)benzimidazole ...	661
<b>Cleve R Van and Smith K L</b> Plastic properties... ..	568	See <b>Cerniani A</b> ...	192
<b>Cliffe W H</b> Johann Peter Griess—discoverer of diazo compounds ...	660	<b>Corfield M C, Robson A and Skinner B</b> Amino-acid composition of three fractions from oxidised wool ...	798
One hundred years of diazo compounds—their impact and importance in chemical industry ...	872	<b>Corning M E</b> See <b>Brode W R</b> ...	492
<b>Clifford D R and Woodcock D</b> Synthesis of 3-nitro-2-naphthol	54	<b>Corning Glass Works</b> Colouring glass ...	508
<b>Close R A</b> See <b>Belcher R</b> ...	217	<b>Cornwell R T K</b> See <b>Battista O A</b> ...	674
<b>Cluett, Peabody &amp; Co.</b> Compressive shrinking... ..	213	<b>Costelloe P and Page E</b> Organic coatings for zinc surfaces ...	878
<b>Cluley A S</b> See <b>Bradshaw S N</b> ...	842	<b>Coulson T M, Ward E R and Wells P R</b> Electrophilic substitution reactions of 3-nitro-2-naphthylamine and <i>N</i> -acylated derivatives ...	192
<b>Clusius K and Schwarzenbach K.</b> Diazotisation of benzhydrazine and 2,4-dinitrophenylhydrazine ...	787	<b>Council of Scientific and Industrial Research, India</b> Wrinkle varnishes or paints ...	203
<b>Cocca E and Matel I</b> Intermediate products in reaction of <i>o</i> -nitrophenol dyes ...	872	<b>Courtaulds Ltd.</b>	
<b>Coe A B and Menhart J</b> Microscopic studies on keratin fibres... ..	607	Aminoplast precondensate for treating cellulosic textiles	659
<b>Coffeen W W</b> Opacification of enamels, glasses and glazes ...	797	Continuous liquid treatment of artificial threads... ..	658
<b>Coffman D D, Engelhardt V A, Little E L and Middleton W J</b> Cyanocarbon acids and their salts... ..	661	Dyeing Courteille for woollen and worsted trade... ..	804
„ See <b>Cairns T L</b> ...	661		



	PAGE		PAGE
<b>Courtsoids Ltd.—continued</b>		<b>Deeley C W, Kline D E, Sauer J A and Woodward A E</b>	
Dyeing in urea	322	Dynamic mechanical behaviour of nylons	63
Flame-retardant, weather-resistant finish for cellulose		<b>Deep Dye Industries</b> Printing and dyeing of pile carpets	881
textiles	808	<b>Deering Milliken Research Corp.</b> Assistant for dyeing	
Pattern Cards, etc.	781	acrylonitrile fibres	805
Reducing water-imbibition of regenerated cellulose	212	Dyeing acrylic fibres	442
Regenerated protein fibres	497	Dyeing acrylic fibres with acid dyes in presence of cupric	
<b>Craig R A, Fourn L and Rutherford M B</b> Cotton fibres as		salt and naphthol compound	805
means of transmitting water vapour	63	Dyeing acrylic fibres using a cupric salt-phenyl phenol	
<b>Cranston Print Works Co.</b> Continuous rapid pleating of		reaction product	612
fabric	870	Yarn sizing	70
<b>Crawford R T</b> See Coover H W	322	<b>Dehydag Deutsche Hydrierwerke</b> Flushing pigments	202
<b>Crespo R</b> Dyeing and printing with reactive dyes	718	<b>Deibert R J</b> See Brand B G	493
<b>Crewther W G and Pressley T A</b> Carbonising investigations	497	<b>Deifina J M P and Marcián R S</b> Chromatography of synthetic	
Developments in wool carbonising	800	colours in pharmaceutical preparations for internal use	218
<b>Creyf S and Roessens L</b> Structure of primary condensate in		<b>Delmenico J</b> Mélange or Vigoureux printing of wool. Method	
Koenig dye synthesis	194	for increasing rate of dye fixation	323
<b>Cromtryck</b> Application of transfers	107	<b>Demel E and Inczédy A</b> Determination of carotene in foods	218
<b>Crone H R</b> Back-sizing carpets	68	<b>Demian A and Reichel I</b> Phenylenediamine systems as	
<b>Croon I and Lindberg B</b> Distribution of substituents in partly		separating components of azo dyes	593
methyated celluloses	328	" " and Secosan E Modification of blue component in	
" " and Ros A Methylcelluloses prepared from sodium		synthesis of asymmetric azo dyes	595
cupricellulose	444	<b>Demina N V, Konkina A A and Kotina V E</b> Influence of scale	
<b>Crown Chemical Corp.</b> Water-repellent finish	191	factor on properties of synthetic filaments	497
<b>Cruz M D</b> See Buras E M	507	<b>Demme E</b> Hardening varnish coatings on leather cloth, etc.	70
<b>Cunningham T L</b> Mothproofing composition	786	<b>Denio A A and Skinkle J H</b> Effect of acids and swelling agents	
<b>Curtis W, Levinson G S and Simpson W T</b> Electron spectra		on dyeing of Orion 42 with anionic azo dyes	208
of pyridocyanine dyes with assignments of transitions	51	<b>Denks H and Kehren M</b> Behaviour of sulphides and sulphur	
<b>Cypryk J</b> See Antczak B	205	dyes in effluents	314
<b>Cyrot J</b> Determination of intrinsic viscosity of cellulose in		<b>Dennison Manufacturing Co.</b> Transfers having no tendency	
cupriethylenediamine	448	to curl	567
See Bouligand J	609	<b>Derby R E</b> See Adams D P	70
<b>D</b>		<b>Derevitskaya V, Prokof'eva and Rogovin Z</b> Comparative	
<b>Damels M H</b> Temporary hair colouring	718	reactivity of hydroxyl groups of cellulose	616
<b>Dan River Mills</b> Acetylene diurea-formaldehyde resins for		Distribution of methoxyl groups in partially methylated	
finishing textiles	705	cellulose	809
Crease-recovery finish having a soft handle	721	<b>Dergacheva A I</b> Mechanisation of ancillary operations in	
<b>Danilov S N and Gintse N F</b> Interdependence of components		finishing	93
of viscose	444	<b>Derminot J</b> Application of chromatoelectrophoresis to analysis	
<b>Darbey A</b> Graphical aids to quantitative reflectance spectro-		of morphological fractions of wool	716
photometry of dyes	65	Identification of regenerated protein fibres by paper	
<b>Daruvala E D and Rehal S S</b> Henna leaves for dyeing textiles	498	chromatography	114
<b>Daruwalla E H and Limaye V R</b> Transfer of disperse dyes to		<b>Deschler O</b> Estimation of average degree of polymerisation of	
cellulose acetate during steaming (Communication)	464	natural and regenerated cellulose	886
" and Subramaniam P Adsorption of reactive dye by		<b>Desprets P, Mazingue G and Overbèke M Van</b> Modification	
modified celluloses (Communication)	296	of dyeing properties of wool by sulphuric acid	721
Fibre crystallinity during acid hydrolysis	326	<b>Deutsch R, Kardos F and Stöckner E</b> Role of pigments in	
<b>Das B M and Rout M K</b> Cyanine dyes	315	forming films	435
" See Bose S M	75	<b>Deutsche Gold- und Silber-Scheideanstalt vormals</b>	
<b>Dass R and Verma M R</b> Identification of solvent dyes	217	<b>Rössler</b>	
Reverse-phase chromatography in analysis of solvent		Alloys resistant to chlorite bleaching liquors	658
dyes	217	Artificial deerskin	108
<b>Datta S K</b> 2-Hydroxy-3-naphthoic acids. Determination of		Carbon Black	795
cobalt	111	Chlorite bleaching	718
<b>Daves G W and Hamner W F</b> Determination of acrylonitrile		Condensates of styrene oxide with ureas or thioureas as	
in effluents	75	auxiliary agents and intermediates for dyes	560
<b>Davidson G F and Nevell T P</b> Action of chlorous acid on		Pigmented rolled masses for lacquers	102
hydrocelluloses	70	Surface treatment of powdered oxides	667
<b>Davis W and Porter Q N</b> Reaction of quinones with vinyl-		Treating fibres with dispersions of silica and a metallic	
naphthalenes and related dienes	193	oxide	565
<b>Davis-Young Soap Co.</b> Water-repellent finish	883	Washing and bleaching composition for textiles	801
<b>Davis C A and Newton J E</b> Continuous bleaching range control	557	Washing or bleaching nylon	104
<b>Davis F V</b> History and development of compressive shrinkage		<b>Deutsche Magnesite</b> Magnesite cement coating compositions	102
(Lecture)	8	<b>Devon Cold Wave Co.</b> Cold waving composition	869
<b>Dawson T L</b> Fixation of reactive dyes on modified celluloses		<b>Dewar M J S and James A N</b> Thermal decomposition of	
(Correspondence)	584	3,5-dibromobenzene-1,4-diazo-oxide	492
<b>Dawydoff W</b> Polycaprolactams from $\epsilon$ -caprolactam by action		<b>Dexter Chemical Co.</b> Antistatic and easy-wetting finish	705
of amine salts	496	<b>Dey A K and Mukherji A K</b> Spectrophotometric study of	
Viscosities of polycaprolactam solutions in concentrated		copper-alizarin sulphonate complex	54
sulphuric acid	63	<b>Diamantopoulos G</b> Cellulose phosphates as ion exchangers	327
<b>Deasy C</b> Determination of N-terminal amino acids of collagen		<b>Diamond W J and Levin H</b> Evaluation of soil removal from	
by 2,4-dinitrofluorobenzene	617	cotton fabrics	447
<b>Decora Corp.</b> Permanent embossed thermoplastic fabrics	501	<b>Diamond Alkali Co.</b> Flame-resisting compositions for resinous	
<b>Decroix G and Mazingue G</b> Estimation of lanthionine in wool		polymers	503
as lanthionine sulphoxide	812	Rendering synthetic resins flame-resistant	71
<b>Dedyukhina L A, Lagidze V F, Salikov M A and Stepanov</b>		<b>Dick Co. A B</b> Silicone treatment of paper for thermographic	
B I Replacement of chlorine in 2-chlorophenylazo-2'-		reproduction	214
naphthol by an alkoxy group	872	Transfer sheets for spirit duplication	67
" <b>Stepanov B I and Straskova T T</b> Reaction of 2-chloro-		<b>Dickerman S C, Levy L B and Schwartz A W</b> Meerwein	
benzeneazo-2'-naphthol with phenolates	872	arylation of anthracene, 9-phenylanthracene and	
		9-anthracic acid	493

	PAGE		PAGE
Dickey J B, Towne E B, Bloom M S, Moore W H, Smith B H and Hedberg D G Azo dyes from substituted 2-aminothiophenes ( <i>Symposium</i> ) ...	123	Downey D A See Atherton E ...	242
Dickinson A J Titanic and zirconic acid esters as water-repellent finishes for textiles ...	191	Drautz W G See Clarke W G ...	318
Dijkstra R and Jonge Jde Chemical effect of light on sodium <i>p</i> -methoxybenzenediazosulphonate ...	707	Draves C Z and Parolla E A Fibre to fabric uses of glycerol ...	189
Dilung H Intermediate stages in photochemical oxidation of chlorophyll by oxygen ...	789	Drew & Co. E F Acid milling ...	722
Dimroth K See Arnoldy G ...	194	Drinberg A Ya and Yakovlev A D Preparation and properties of trimers of alkyl acrylates and alkyl methacrylates ...	446
Diniak A W, Hughes E E and Weaver E R Determination of water vapour from change in electrical resistance of hygroscopic film ...	729	Druckey H Toxic and non-toxic dyes for food ...	874
Dintenfuss L Adsorption and surface characteristics of inorganic pigments ...	600	Druskin L I See Cherkinskii B E ...	48
Rate of sedimentation in concentrated pigment suspensions ...	562	Dualoy Coating fabrics ...	69
Selective polar adsorption ...	101	Dudek G Zinc white ...	783
Selective polar adsorption and rheological phenomena in paint systems ...	438	Duhm F Shrink-resist finishing ...	807
Diserens P Printing Indigosols on triacetate ...	805	Dulmage W J Structure of cellulose triacetate ...	214
Dithmar K and Naujoks E Protection of polyamide fibres against attack by active oxygen ...	440	Dunell B A and Quistwater J M R Dynamic mechanical properties of 6,6-nylon ...	563
Ditto Dense black images by direct or spirit process duplication ...	881	Dungler J Drying fabric, paper, etc. ...	870
Doadrio A and Montequi R Effect of the anion on drying properties of oils catalysed with cobalt salts ...	203	Treating textiles with corrosive gases and/or vapours ...	93
Dobai J Paper chromatography of acid triphenylmethane dyes ...	72	Web guiding heads ...	557
Dobáň J and Hanousek V H Fluorescent derivatives of 1:2:3-triazole ...	194	Dunn E J See Costaro J P ...	504
„ and Pirkil J Sulphonated bis(naphthotriazoles) from <i>p</i> -phenylenediamine, benzidine, benzidine sulphone and diaminodiphenylurea ...	194	Dunstan S See Buckley D ...	193
„ and Pirkil J Fluorescent derivatives of 1:2:3-triazole ...	508	DuPré A M See Burns E M ...	113
Dobackman Co. Continuously heating fabric, paper, films, foils, etc. ...	659	DuPré E F, McCall E R and O'Connor R T Applications of infrared absorption spectroscopy to investigations of cottons ...	730
Dobrescu F Derivatives of 2-nitro and 2,7-dinitro-fluorene ...	507	Infrared spectrophotometric procedure for analysis of cellulose and modified cellulose ...	114
Dodt E and Walther J B Fluorescence of crystalline lens and electroretinographic sensitivity determinations ...	506	Durand & Huguenin S.A. Sulphuric acid esters of leuco-anthraquinone vat dyes ...	56
Dogadkina L A, Klynev V N, Solodushenkov S N and Sprjakov A A Azo dyes from aminocarbonylides ...	597	Durbetaki A J Determination of $\alpha$ -epoxides containing a tertiary carbon atom ...	507
Döhl K Pad-steam dyeing under laboratory conditions ...	440	Durham K Influence of conditions on deposition of soil particles on to cotton from detergent solutions ...	800
Doja M Q See Banerjee J C ...	315	See Camp M ...	799
Dokunikhin N S and Gaeva L A Thionaphthostyryl dyes ...	710	Dürig G See Augsburg W ...	729
„ Gofder G A and Zhdanov G S Coplanarity and conjugation of 1:4-dianilinoanthraquinone and 1:4-dimesitylaminanthraquinone ...	711	Dutt A S, Gupta A B Sen and Macmillan W G Examination of oligosaccharides from jute $\alpha$ -cellulose ...	439
„ and Pletneva I D Synthesis of vat dyes from pyrazole-anthronecarboxylic acid ...	711	Dutta P C and Roy S K 1:8-Naphthaphenanthrophenanthrene-indigos ...	315
Dombrovskii A V, Terent'ev A P and Yurkevich A M Synthesis of DL-phenylalanine and its homologues ...	445	Dux J P and Phifer L H Determination of xanthate sulphur in viscose ...	507
Doremus K H and Johnson P Interaction of small ions with proteins ...	502	Dvořák J and Pardubice-Rybitví J Introduction of triazole group into the T.P.M. dyes ...	788
Dormael A van Chemical problems in colour photography ...	720	Dyall L K and Hamblay A N Intramolecular hydrogen bonding in <i>o</i> -nitroanilines ...	597
Douglas B E, Fernelius W C, and Snaveley F A Relative stabilities of metal derivatives of <i>oo</i> -dihydroxyazo dyes ...	95	Dyco Color Corp. Multicolour photography ...	806
Dow Chemical Co.			
Acrylic fibres of good affinity for disperse, basic and vat dyes ...	799		
Alkaline paper resistant to attack by microorganisms ...	567		
Antistatic agent ...	786		
Aqueous polymer dispersions for water paints ...	203		
Clarifying water ...	704		
Dipyridyl aliphatic alkylene polyamine polyacids as chelating agents ...	314		
Flame resistant cellulosic materials ...	722		
Lubrication of sewing threads ...	212		
Pattern Cards, etc. ...	868		
Pigmented coatings for rubber mats ...	568		
Polyvalent metal ion chelating agents ...	704		
Quinoyl and pyridyl aliphatic alkylene polyamine polyacids as chelating agents ...	189		
Silicone finish for organic fibres ...	721		
Tetramethyl diamino-2-propanol for stabilising alkenyl resins to weathering ...	786		
Thermoplastic material faster to light ...	216		
Thickening agents ...	785		
Water-soluble sulphonated polymeric $\alpha$ -vinyltoluenes ...	786		
White or pastel pigmented vinylidene copolymer of improved colour fastness ...	446		
Downes J G and Mackay B H Sorption kinetics of water vapour in wool fibres ...	496		
		<b>E</b>	
		Eardley S See Ballantine J A ...	434
		Earland C Chemical anti-felting reaction for wool ...	108
		Defective wool produced by sheep-dips ( <i>Correspondence</i> ) ...	545
		„ and Raven D J Reaction of wool and horn keratins with solutions of sodium hypochlorite ...	798
		Eastman Kodak Co.	
		2-Amino-5-nitro-1:3:4-thiadiazole azo disperse dyes ...	601
		Benzimidazolocyanine dyes ...	201
		Benzo-thiazoleazo-aniline disperse dyes ...	602
		Bleaching dicarboxylic esters of cellulose ...	880
		Bleaching polyacrylonitrile fibres ...	207
		Cyanine dyes from triazole bases ...	561
		merocyanine dyes containing a chain alkyl- or arylthio group ...	57
		merocyanine dyes containing a chain substituent ...	61
		merocyanine dyes containing a sulphone group ...	201
		merocyanine dyes containing a triazole [4,3- <i>a</i> ]-quinoline or tetrazole [A]-quinoline nucleus ...	61
		Detergents ...	659, 705
		Diazo photographic reproduction ...	211
		Increasing photosensitive properties of cyanine dyes ...	806
		Light-sensitive rhodanine esters of maleic anhydride copolymers ...	877
		Metal complexes of anthraquinone dyes as disperse dyes ...	792
		Monoazo disperse dyes from 2-amino-5-nitro-thiazoles ...	197
		Monoazo disperse dyes from 2:4-bis(methylsulphonyl)aniline ...	198
		Monoazo disperse dyes having a $\beta$ -cyano- $\beta$ -fluoromethyl-ethylamino group ...	435
		Mordanting basic dyes in photography ...	442
		Non-ionised cyanine dyes ...	57
		Organic copper compounds for stabilising cellulose ester plastics to weathering ...	884
		Photographic colour correction using coloured and colourless colour couplers ...	720

Eastman Kodak Co.—continued

Pigmented light-sensitive composition for decorating cellulose, metal and vitreous surfaces .....	211
Polymeric gentisamide antistain agents for colour photography .....	806
Polymethine dyes containing 4-aryl-5-aryloxy- or 5-aryl-thiothiazole nucleus .....	61
Polynitriles as plasticisers for cellulose esters .....	884
Rapid setting of baryta coatings .....	502
Reduction of dye stain in processed photographic papers containing dyes .....	442
Size for organic esters of cellulose .....	70
Thiazolidone compounds as ultraviolet radiation absorbants .....	492
Ultraviolet absorbing agents .....	191
Ultraviolet-absorbing agents for use in colour photography .....	706
Un-ionised cyanine dyes .....	201
Yarn lubricant .....	704
<b>Eastwood M</b> Colorimetric determination of glycolate in carboxymethylcellulose .....	114
<b>Eckstein Z, Hetnarski B and Urbański T</b> Chemical compounds as fungicides .....	659
<b>Écuyer P L</b> See Brassard P .....	558
<b>Edelstein S M</b> Chinese Green-Lo-Kao .....	53
Spanish Red—Thiery de Menonville's <i>Poyage à Guayaquil</i> .....	590
<b>Edwards H D</b> See Cheatham R C .....	77
<b>Efremova L N, Kozjreva J V, Mikhailova L A, Ovchinnikova E A, Samurova S T and Solodov L S</b> p-Aminosalicylic acid by reduction of p-nitrosalicylic acid .....	53
<b>Éfros L S and El'tsov A V</b> Amino derivatives of benzimidazolone .....	708
<b>Egerton G S and Galli F</b> Changes in vat dye systems .....	669
<b>Roach A G</b> Absorption spectra of aminoanthraquinone compounds in solution and in solid state ( <i>Communication</i> ) .....	401
Aminoanthraquinone compounds. Photochemistry in solid state ( <i>Communication</i> ) .....	415
Photochemical stability of dyes in solid state .....	207
Photochemistry of dyed polymer films ( <i>Communication</i> ) .....	408
Photochemistry of polymer films .....	71
<b>Egli H</b> Levelling Barry nylon .....	321
<b>Egorova L M, Ufimtsev V N and Yampol'skaya E S</b> 1:5- and 1:8-Acylamino-hydroxyanthraquinones .....	105
<b>Ehn E</b> See Rodfors B .....	116
<b>Eichbaum B R</b> Fluorescent coloured porcelain enamel .....	716
<b>Eicken Svon</b> See Arnoldy G .....	194
<b>Eller E</b> Colour development of black-and-white photosensitive materials .....	210
<b>Elrich F R</b> See Barkin S .....	105
<b>Elsner U</b> Novel hydroporphyrins .....	53
<b>Eitel K</b> New developments in opaque coating field .....	110
Production of corrected grain leathers .....	725
<b>Eideka N V</b> Conversion products of high carbohydrates or carbohydrate ethers as finishing agents .....	558
<b>Elliott A, Hanby W E and Malcolm B R</b> Optical rotation and infrared spectra of polypeptide and protein films .....	215
<b>Elliott A G</b> Water plastic paint .....	204
<b>Elliott R L, Asquith R S and Rawson D H</b> Effect of sulphuric acid on wool ( <i>Communication</i> ) .....	173, 176
See Asquith R S .....	859
<b>Ellis K C and Warwicker J O</b> Systemic absences in X-ray diagram of cellulose .....	674
<b>Elm A C</b> Reevaluation of function of pigments in paints .....	101
<b>Elöd E</b> Dyeing rayon staple .....	801
and <b>Jörder H</b> Degradation of fluorescent brightening agents by light .....	440
<b>Elofson R M</b> Polarographic reduction of diazotised aromatic amines .....	872
<b>El-Shafel Z M and Ismail A F A</b> Photodehydrogenation and photo-oxidation of thermochromic ethylenes .....	51
<b>Elton G A H and Peace J B</b> Determination of particle-size distributions in suspensions from measurements of sedimentation potentials .....	887
<b>El'tsov A V</b> See Éfros L S .....	708
<b>Eltz H U von der</b> Remazol reactive dyes in a dyehouse .....	803
<b>Emimeta Fabrikations Anstalt</b> Colour line masters .....	564

<b>Enders H</b> Radioactive isotopes for study of distribution of resins in resin-treated fabrics .....	115
and <b>Neuwirth H</b> New silicone emulsions for textiles .....	443
<b>Endler A S</b> See Cohen S .....	804
<b>Engel W H</b> Self-sterilising surfaces .....	326
<b>Engelhardt A V</b> See Cairns T L .....	661
<b>Engelhardt V A and Middleton W J</b> Dicyanoketene acetals .....	661
See Coffman D D .....	661
<b>English R J</b> See Birch A J .....	51
<b>English Sewing Cotton Co.</b> Sample dyeing machine .....	491
<b>En'kova R V</b> Continuous scouring of silk .....	717
<b>Entschel R and Karrer P</b> Ash wood xanthin .....	874
Reactions of $\beta$ - and $\alpha$ -carotene with bromosuccinimide .....	663
Reaction products of $\beta$ -carotene with bromosuccinimide. Introduction of ethoxy and hydroxyl groups into hydrocarbons .....	874
<b>Epstein M B, Ross J and Wilson A</b> Adsorption of sodium lauryl sulphate and lauryl alcohol at air-liquid interface .....	65
<b>Erdey L and Rády, G</b> Complexometric determination of iron in presence of Variamine Blue Indicator .....	217
<b>Ermolenko I N, Ivanov V I, Ivanova V S, Leshina N Ya and Zhabankov R G</b> Oxidation reactions of cellulose studied by spectroscopy .....	616
and <b>Pavlyuchenko M M</b> Kinetics of oxidation of cellulose with nitrogen dioxide from absorption spectra .....	616
and <b>Zhabankov R G</b> Investigation of dyeing of oxidised cellulose by infrared spectroscopy .....	718
<b>Ernsberger R E</b> See Adams D F .....	76
<b>Ernst W</b> Dyeing and finishing warp-knitted fabrics of low elasticity .....	609
Finishing pleated knitted fabrics .....	807
<b>Esipova N G</b> Type of hydrogen bonds of collagen .....	567
<b>Esposito G G and Swann M H</b> Detection of olive oil in coatings .....	505
Detection of urea, melamine, isocyanate and urethane resins. Rapid group test for nitrogen, silicon, phosphorus and titanium .....	507
Determination of melamine-formaldehyde resins in coatings .....	115
<b>Espey H M</b> See Barnett H M .....	796
<b>Essler C and Schmid H</b> Relationship of diazotisation to general acid-base catalysis .....	430
<b>Eso Research &amp; Engineering Co.</b> White or lightly-coloured butyl rubber compositions of improved weathering and discolouring resistance .....	216
<b>Établissements Schaeffer &amp; Cie.</b> Dyeing acrylic fibres .....	881
Treating textiles with a poly(chloromethyl)ether of a polyhydric alcohol .....	69
<b>Établissements Scholart A C</b> Worker roller raising machine .....	703
<b>Ethyl Corp.</b> Fungicidal composition for paints .....	101
Fungicidal paints .....	204
<b>Etienne H</b> Determination of ethylene oxide condensates by precipitation with phosphotungstic acid .....	217
Quantitative estimation of polyethylene oxides in presence of fatty alcohols .....	835
<b>Étli V S and Rajuvar G A</b> Aryl derivatives of thioxanthanol 5-dioxide possessing indicator properties .....	789
<b>Eugster C H, Kamer P and Tscherner C</b> Optically active $\alpha$ -carotenes .....	874
<b>Evans R M</b> See Burnham R W .....	74
<b>Evans Chemetics</b> Neutralising agents for use in permanent waving .....	786
<b>Eveson G F.</b> Rheological properties of stable suspensions of small spheres at low rates of shear .....	101
Stable suspensions of spherical particles. Influence of size ratio of dispersed phase on relative viscosity .....	433
<b>Evtigneev V B and Gavrilova V A</b> Mechanism of sensitisation of redox reactions using chlorophyll and its analogues in presence of deuterium oxide .....	711
Primary photoreduction products of chlorophyll derivatives .....	712
<b>Evva F</b> See Berty L .....	76

F

<b>Fabrique de Produits Chimiques G Zimmerli</b> Fluorescent brightening agents .....	714
<b>Falconer E L, Purves C B, Sanyal A K and Vincent D L</b> Attempted location of substituent in cellulose xanthate .....	112
<b>Famatex</b> Pin bars for tenters working at high temperatures .....	188
Tenter .....	188, 313



	PAGE		PAGE
<b>Farbenfabriken Bayer</b>		<b>Farbwerke Hoechst—continued</b>	
Acylamino-aminoanthraquinones ...	792	Improved dyeing properties of polymeric $\alpha\beta$ -unsaturated nitriles ...	320
Anthraquinone vat dyes ...	199	Inhibiting corrosion of stainless steel by chlorine dioxide ...	313
Aqueous emulsions of polymers as coatings ...	871	Pattern Cards, etc. ...	781
Aromatic sulphonium compounds as intermediates for dyes, pigments, auxiliary agents and paint additives ...	500	Pigment dispersions ...	797
Azoic compositions ...	199	Red azoic dyes and pigments ...	59
Azophosphonic acid esters ...	875	Soluble aluminium glycolates as water-repellent agents ...	49
Basic phthalocyanine dyes ...	99	Solvents as swelling agents for polyethylene terephthalate ...	705
Benzanthrone-imide Green vat dyes ...	665	Solvents, swelling agents and softeners for polyester fibres, films, etc. ...	190
Brown copper-complex trisazo direct dyes ...	561	Stable, anhydrous <i>NN</i> -alkylene urea compounds ...	659
Brown and green metal complex monoazo wool dyes from 2-aryl-5-aminobenzotriazoles ...	664	Stable finishing compositions containing <i>NN</i> -alkylene-urea compounds ...	705
Chromium-complex monoazo dyes for wool ...	58	Treating polyester fibres with alkalis ...	213
Copper-complex azo compounds: Intermediates and dyes ...	875	Violet, dark green, dark blue and black polyazo dyes for leather ...	601
Diceraamidines as dyes for acrylic fibres ...	602	<b>Farina E and Marziano N</b> , Monoazo substances from furoyl-acetanilides and $\beta$ -naphthothiazole ...	787
Disperse monoazo dyes from cyananilines ...	560	<b>Farmer Norton &amp; Co. Sir J</b> Obtaining samples of fabric from closed pressure vessels ...	783
Dyeing with insoluble basic phthalocyanine dyes ...	67	<b>Farnworth A J</b> Hydrogen-bonding mechanism for permanent setting of wool fibres ...	325
Dyeing with pigments ...	719	<b>Faseck S A and Harley-Mason J</b> Di-indolyls ...	54
Dyeing polymers of acrylonitrile or asymmetric dicyno-ethylene ...	208	<b>Fedorova I P and Kiprianov A I</b> Azo derivatives of cyanine dyes ...	709
Dyeing wool with metal-complex dyes ...	106	<b>Fedorova N E and Vorob'eva A N</b> Fixing dyes on fabric ...	493
Finely dispersed pastes of organic or inorganic pigments ...	62	<b>Fehérvári M and Ruzsnák I</b> Light fastness of dyes and dyed textile fabrics ...	670
Fluorescent brightening agents ...	109	Study of dyes and fibres during fading ...	507
Green and olive metal-complex trisazo direct dyes ...	90, 664	<b>Fendel K, Holländer R, Kern W and Schneider R</b> Hydrazides from polyacrylic acids—Macromolecular azo dyes ...	788
Halogenated diamino-dihydroxy anthraquinones as blue disperse dyes ...	99	<b>Fenner T W, Reid J D and Reinhardt R M</b> Non-aqueous carboxymethylation of cotton ...	324
Hydroxyanthraquinones as disperse dyes for polyester fibres ...	56	Oxidising partially etherified cottons ...	567
Increasing water-absorption of polyamide fibres ...	212	<b>Fenolic International</b> Thermosetting coating compositions curable at room temperature ...	50
Leather ...	502	<b>Ferguson A W and Scott R G</b> Aluminium replicas of fibre surfaces for light microscopy ...	328
Loom-finished cloth ...	325	<b>Fern A S and Liguorice W F</b> Flash-ageing of vat-printed viscose rayon fabrics ( <i>Symposium</i> ) ...	331
Metal-complex azo dyes from <i>o</i> -hydroxy- <i>o'</i> -sulphazo compounds ...	316	<b>Fernandez M G</b> Tubular knitted fabric dryer ...	870
Metal-complex monoazo pyrazolone dyes for wool ...	713	<b>Fernellus W C</b> See Douglas B E ...	95
Metal complex monoazo wool dyes with a triazine ring ...	790	<b>Ferro Corpa</b> , Black manganese-copper-iron pigment ...	795
Metal-complex monoazo wool dyes with a urea residue ...	664	<b>Fetako J M</b> Printability studies on survey series of paper-boards and coated papers ...	620
Metallisable monoazo dyes for wool, etc. from indandione (1:3) ...	713	<b>Feughelman M, Griffith J C and Haly A R</b> Supercontraction of wool iodinated or irradiated with U.V. radiation ...	439
Metallisable monoazo wool dyes from 2-amino-4:6-bis-acylamino-phenols ...	198	„ and <b>Haly A R</b> Application of statistical theory of elastomers to supercontracted keratin fibres ...	319
Mothproofing agent ...	190	„ and <b>Mitchell T</b> Variability of set in keratin fibres ...	798
Pattern Cards, etc. ...	311, 781	<b>Filipi, J, Matka M and Navrátil F</b> Quantitative analysis of substituted vat dyes ...	729
Perylene vat dyes ...	200	<b>Filson A and Speakman J B</b> Reclamation of fibres from rags ( <i>Communication</i> ) ...	762
Phenazine quinones ...	60	<b>Finger G G, Mogilevskii E M and Pakahver A B</b> Desulphurisation of viscose rayon fibre ...	716
Phthalocyanine chrome dyes ...	61	<b>Finlayson D and Thomas E B</b> Cellulose triacetate. Production, spinning and properties ...	63
Pigment emulsion for printing and padding ...	107	<b>Firth Carpet Co.</b> Phosphorescent yarn ...	612
Printing paste ...	442	<b>Fitch Textile Co.</b> Drying tubular fabric ...	188
Printing pastes, sizes, films, etc. ...	671	<b>Fitzpatrick J T</b> See Bailey F E ...	568
Production of naphthoylenearyliminazole and naphthaloperinone dyes on the fibre ...	317	<b>Flaxall Products</b> Conveying festooned fabric ...	870
• Red monoazo pigments ...	58	<b>Fleischle F W</b> Red-green test for cotton and its evaluation ...	328
Silicic acid and pigments containing it ...	202	<b>Fleissner &amp; Sohn Maschinenfabrik</b> Drying carded laps ...	703
Surface-active agents ...	871	<b>Flemmert G L</b> Increasing bulk density and degree of aggregation of finely divided inorganic substances ...	877
Surface active polymeric trimethylene oxide derivatives having polyether side chains ...	314	<b>Fletcher J M</b> Developments in vat dyeing ...	65
Synthetic tanning agents ...	191	<b>Floury J P and Reitzer M T</b> Reproducibility of measurements of degree of polymerisation and of swelling on spun viscose rayon staple ...	447
Tanning agents ...	492, 705	<b>Flint G</b> See Carlson E J ...	506
Tetrakisazo direct dyes ...	55	<b>Florin R E and Wall L A</b> Effect of structure on thermal decomposition of polymers ...	726
Thioxanthone quinone ...	99	<b>Flory P J</b> See Bedon H D ...	503
Violet and blue metal-complex monoazo dyes for wool, having an oxathiol-S-dioxide ring system ...	713	Carpenter D K ...	502
Water-insoluble phosphates of basic organic condensates as flame-resisting agents ...	191	<b>Flynn J H, Morrow W L and Wilson W K</b> Degradation of cellulose in a vacuum by ultraviolet radiation ...	616
Water-repellent agents and plasticisers for cellulose ...	871	<b>Fodiman I V and Yampol'skaya E S</b> Determination of dye selectivity ...	730
Yellow anthraquinone vat dyes ...	876		
Yellow and brown metal-complex monoazo wool dyes from arylides of $\beta$ -aminocrotonic acid ...	664		
Yellow cadmium sulphide pigments ...	437		
Yellow monoazo disperse dyes for polyester fibres ...	663		
<b>Farbwerke Hoechst</b>			
Aminophenyltetrazoles as diazo components for azoic dyes and pigments ...	107		
Antistatic agent for hydrophobic staple fibre ...	190		
Antistatic finish ...	883		
Benzanthrone-pyrazolanthrone vat dyes ...	792		
Chromium-complex monoazo dyes of improved wet-fastness on wool and nylon ...	198		
Cyanine, styryl and merocyanine dyes ...	705		
Dry cleaning ...	889		

<b>Food Machinery and Chemical Corp.</b>	<b>Bleaching wood</b>	<b>PAGE</b>
pulp	...	440
Continuous bleaching of cotton cloth	...	718
Dyeing peroxide-bleached wool	...	66, 106
Steam-bleaching cotton with hydrogen peroxide	...	563
<b>Forbat &amp; Co. G and Goldrie C</b>	<b>Calcium carbonate</b>	318
<b>Forbes E J, Richardson R D and Tatlow J C</b>	<b>Pentafluoro-aniline</b>	660
<b>Ford Machinery &amp; Chemical Corp.</b>	<b>Maintenance of brightness in bleached wood pulp</b>	109
<b>Fornelli D</b>	<b>Dye vessel</b>	429
<b>Förstner T and König E</b>	<b>Absorption spectra and fluorescence properties of concentrated solutions of organic dyes</b>	52
<b>Fotakis T</b>	<b>New flaviocyranines and merocyanines</b>	315
<b>Foud M G and Schmid H</b>	<b>Dependence of bromo-ion catalysis of diazotisation</b>	707
<b>Fourt L</b>	<b>See Craig R A</b>	63
<b>Fowler J and Walsh K</b>	<b>High-temperature dyeing of continuous-filament yarns of man-made fibres (Symposium)</b>	390
<b>Fowler J A and Preston C</b>	<b>Application of reactive dyes to viscose rayon (Symposium)</b>	372
<b>Fran</b>	<b>Metal-complex monoazo dyes for wool having an indazole residue</b>	575
	<b>Oxidation colouring matters</b>	61
<b>Franck-Melnick A and Schuster K</b>	<b>Calgon as additive to spinning oil</b>	785
<b>Frank H P</b>	<b>Formation of micelles of azo dyes</b>	104
	<b>See Barkin S</b>	105
<b>Frankovskii Ch and Porai-Koshits B A</b>	<b>Substantivity of benzimidazole diazo dyes</b>	708
<b>Franzon O, Ivarsson G and Samuelson O</b>	<b>Determination of calcium in spent sulphite liquor</b>	618
<b>„ and Samuelson O</b>	<b>Degradation of cellulose by alkali cooking</b>	326
	<b>Destruction of cellulose dissolved in mercerising liquor</b>	214
	<b>See Bodfors B</b>	116
<b>Fraser M E</b>	<b>See Bayley C H</b>	69
<b>Fraser R D B and MacRae T P</b>	<b>Densities of physically and chemically modified wools</b>	319
	<b>Molecular organisation in keratins</b>	64
<b>„ and Simmonds D H</b>	<b>Models of <math>\alpha</math>-keratin structure</b>	102
<b>„ and Presley T A</b>	<b>Potential substitutes for rabbit fur in hat felts</b>	798
<b>Fraunhofer H von</b>	<b>See Cootie H E</b>	671
<b>Freeman, Taylor Machines</b>	<b>Dyeing or other wet processing plant</b>	658
<b>Frenkel I B, Il'in V N, Nazarov S S, Pelevin S N and Preobrazhenskaya I N</b>	<b>Improved method of wool washing</b>	497
<b>Frenkel S Ya and Samsonova T I</b>	<b>Hydrodynamic characteristics and degree of polydispersity of ethylcellulose</b>	674
<b>Fresco A and Parbot A</b>	<b>Influence of dechlorination on degradation of fabrics by repeated bleaching</b>	103
<b>Friedemann W</b>	<b>Barriness of colour in textile fabrics from synthetic fibres</b>	880
<b>Friele L F C and Selling H J</b>	<b>Comparative light-fastness tests</b>	506
<b>Frieser E</b>	<b>New synthetic fibres</b>	799
<b>Fritz J S, Moye A J and Richard M J</b>	<b>Titration of aromatic nitroamines as acids</b>	504
<b>Fritzsche E and Ödör G</b>	<b>Addition of titanium dioxide to polymerisation mixture in manufacture of polycaprolactam fibres</b>	668
<b>Fröhlich H G</b>	<b>Evaluation of carotened hair by chemical tests</b>	116
	<b>Testing rabbit hair, wool and coarse animal hairs for felting and milling properties, dyeing behaviour and quality of felt</b>	506
<b>Frunze P M</b>	<b>See Andreev D N</b>	885
<b>Frunze T M, Kharitonov V M and Korshak V V</b>	<b>Heterochain polyamides</b>	503
	<b>Kinetics of formation of mixed polyamides from hexamethylenediammonium azela-ate and <math>\epsilon</math>-caprolactam</b>	568
<b>„ and Korshak V V</b>	<b>Solubility of mixed polyamides</b>	726
<b>„ and Krasnyanskaya E A</b>	<b>Influence of <i>N</i>-substituents on properties of polyamides from <i>pp</i>-diaminodiphenylmethane</b>	110
<b>„ and Petrova V F</b>	<b>Synthesis of polyamides and polyamide esters</b>	617
<b>Fry G A</b>	<b>Dichromatism and mechanisms underlying colour vision</b>	887
<b>Fryman &amp; Fletcher</b>	<b>High-temperature dyeing</b>	106

<b>Fujii S, Hosogai Y and Kamikura M</b>	<b>Paper chromatography of reduction products of monoazo dyes</b>	811
<b>Fujimori E and Livingston R</b>	<b>Interaction of chlorophyll in its triplet state with oxygen, carotenes, etc.</b>	434
<b>„ See Calvin M</b>	...	711
<b>Fujita K, Ito T, Matsuyama M and Mine T</b>	<b>Effects of compounds related to Trypan Blue on experimental production of liver cancer</b>	838
<b>Fukada N</b>	<b>Phthalocyanine derivatives</b>	82
	<b>Salts of cobalt 4:4':4''-phthalocyaninetetrasulphonic acid</b>	54
<b>Fukker K, Králík I and Ruzsák I</b>	<b>Polarographic determination of Methylene Blue number of regenerated celluloses of high carboxyl content</b>	443
<b>Furka Á and Széll T</b>	<b>Isolation of 2-nitrophenol from mixture of mononitrophenols</b>	507
<b>Furrer E</b>	<b>Effects of acids on Terylene</b>	563
<b>Furvik N-B</b>	<b>Dyeing properties of mature and immature cotton (Communication)</b>	299
<b>Futami A and Toyoda H</b>	<b>Effect of organic nitrogen compounds in accelerating unhairing of animal skin by lime liquor</b>	215
<b>G</b>		
<b>Gachkovskii V</b>	<b>Inadequacy of concept of two forms of chlorophyll from spectral properties of living leaf</b>	711
<b>Gaeva L A</b>	<b>See Dokunikhin N S</b>	710
<b>Gagnon P E, Keirstead K F and Newbold B T</b>	<b>Chemistry of unstabilised cellulose nitrate</b>	326
	<b>Determination of sulphate acid ester in unstabilised cellulose nitrate by hydrolysis</b>	507
	<b>Relation between sulphate and nitrogen content of cellulose nitrate</b>	326
	<b>Slurry titrations of unstabilised cellulose nitrate</b>	568
<b>„ and Thomas J</b>	<b>Influence of water concentration on hydrolysis of unstabilised cellulose nitrate in acetone-water solution</b>	507
<b>Gál I and Králík I</b>	<b>Durability of water-repellent finishing</b>	443
<b>Gallil F</b>	<b>See Egerton G S</b>	669
<b>Gallagher N D, Neher M B and Vely V G</b>	<b>Leather-finish adhesion test</b>	115
<b>Gansser C and Zechmeister L</b>	<b>cis-Forms of canthaxanthin</b>	874
<b>Ganz E</b>	<b>Importance of infrared properties of colouring matters for camouflage</b>	65
	<b>Infrared properties of dyes</b>	498
<b>Gardner G H F, Marshall T J and Wylie M R J</b>	<b>Permeability and size distribution of pores</b>	609
<b>Gardner H A and Watson R</b>	<b>Colouring dormant grass</b>	568
<b>Gardner Board &amp; Carton Co.</b>	<b>Coated paperboard</b>	725
	<b>Moisture resistant coated paper webs</b>	567
<b>Garmanova E N, Korol'kov I I and Sharkov V I</b>	<b>Limiting degree of polymerisation of cellulose</b>	444
	<b>Structure of cellulose by alcoholysis</b>	114
<b>Gastrock E A, Haydel C H, Janssen H J, Seal J P and Vix H L E</b>	<b>Vapour-phase method for preparation of polyacrylonitrile-coated cotton yarn and its physical properties</b>	324
<b>Gaunt J F</b>	<b>Fast-to-washing dyeing of wool yarn (Lecture)</b>	569
<b>Gavet L and Rochas P</b>	<b>Yellowing during washing of viscose rayon modified by oxidation</b>	497
<b>Gavrilova V A</b>	<b>See Evstigneiev V B</b>	711, 712
<b>Gawronsko B and Skwarak T</b>	<b>Rapid fractionation of viscose rayon and cellulose of low degree of polymerisation</b>	214
<b>Gebruder Glulini</b>	<b>Preventing corrosion of metal pipes by water softened with phosphates</b>	189
<b>Géczy K</b>	<b>See Bene E</b>	504, 676
<b>Geiger A</b>	<b>Improvement of creasing and swelling properties of viscose rayon fibres</b>	107
<b>Geiger E and Nobs H</b>	<b>Estimation of alcoholate content in water-free sodium cellulose</b>	74
	<b>Estimation of alkoxide groups in water free alkali celluloses</b>	809
<b>The Geigy Co. Ltd.</b>		
	<b>Anthraquinone acid dyes</b>	90, 199
	<b>Basic monoazo dyes for polyacrylonitrile fibres from 2-aminothiazoles and 2-aminobenothiazoles</b>	97
	<b>Blue, green and olive metallisable monoazo dyes for wool, nylon, etc.</b>	435
	<b>Blue and grey copper-complex diazo direct dyes</b>	98
	<b>Copperable triazo direct dyes</b>	59

	PAGE		PAGE
<b>The Geigy Co. Ltd.—continued</b>		<b>General Tire &amp; Rubber Co.</b> Pigmented silicone elastomers ...	503
Dyeing polyacrylonitrile fibres and films ...	322	Pigments and fibres capable of being compounded with organic substances ...	503
Flame-resisting agents for cellulose ...	491	„ and <b>Grotenhuis T A Te</b> Improving dispersibility of pigments ...	202
Improved saponaceous detergents ...	50	<b>Genin G</b> Powdered mica and its use in paints ...	206
Metal-complex monoazo dyes for wool, nylon, etc. ...	663	<b>Gensel H, Kramer M and Windemuth E</b> Polyurethan resins. Impranils ...	882
Pattern Cards, etc. ...	311, 504, 781	<b>Gerasimenko Yu E and Oksengendler G M</b> Synthesis of thiophenols and S-arythioglycolic acids ...	434
3-Phenyl-7-ureidocoumarins as fluorescent brightening agents ...	200	<b>Gessner Co. D</b> Driving mechanism for rolls of raising machine ...	703
Phthalocyanine pigments ...	437	<b>Gevaert Photo-Producten</b> Methin dyes ...	202
Quaternary ammonium salts of monoazo dyes as basic dyes for polyacrylonitrile fibres, etc. ...	435, 560	Photographic coating compositions ...	725
Red and brown lakes of monoazo dyes from arylides of 3:2-hydroxynaphthoic acid ...	713	Pyridine-2:6-dicarboxylic acids as sequestering agents in photographic elements or processing baths ...	660
<b>Geller B A</b> Investigation of the mechanism of diazo exchange in azo dyes of naphthalene series ...	872	Solvents for polyalkylene terephthalates ...	190
<b>Gelsomino M and Simoncini A</b> Determination of fixed chrome and iron in leather ...	508	<b>Ghosh B N and Ghosh S</b> Electroendosmosis through hide and leather membranes ...	725
<b>Geminder J J and MacDonogh E E</b> Colouring ingredients in fatty food products ...	208	<b>Ghosh R C, Holker J R and Speakman J B</b> Reactivity of keratin ...	607
<b>General Aniline &amp; Film Corp.</b>		<b>Ghosh S</b> See Ghosh B N ...	725
Acid milling of phthalocyanine pigments ...	604	<b>Gianola G</b> Determination of homogeneity of blends of wool and synthetic fibres ...	730
Acid milling of vat dyes ...	715, 794	<b>Gibson J M</b> See Bell W A ...	439
N-Acyl taurides ...	785	<b>Gielow R T</b> See Barkey K T ...	566
Aftertreatment of azoic dyeings on cellulose derivatives ...	66	<b>Giger A, Henniker J and Jacque L</b> Characterisation of polyesters by infrared spectrometry ...	885
Aromatic diazoxide sulphonamides as sensitizers for lithographic plates ...	211	<b>Gilbert E E and Veldhuis B</b> Sulphonation with sulphur trioxide. High-boiling alkylated benzene ...	704
Azine cyan colour formers ...	875	„ See Carlson E J ...	596
Azo couplings at relatively high temperatures ...	197	<b>Gilbert J G</b> Age changes in colour matching ...	887
Black dibenzanthrone vat dye ...	876	<b>Giles, C H</b> Mechanism of adsorption of disperse dyes by cellulose acetate ( <i>Correspondence</i> ) ...	655
Diazo print process ...	612	Relation between adsorption properties and photochemical behaviour ...	802
2:2'-Dihydroxy 4:4'-substituted benzophenones for preserving coloured and non-transparent organic substances ...	191	„ and <b>Hassan A S A</b> Adsorption of dyes and other organic solutes by cellulose and chitin ...	846
Discharging azo dye photographic filters ...	323	„ <b>Laidlaw M and Subramanian R V R</b> Constitution of chitin and its adsorption of inorganic and organic acids from aqueous solution ( <i>Communication</i> ) ...	647
Discharging filter and antihalation dyes in photographic films ...	211	„ and <b>Subramanian R V R</b> Adsorption of sulphonated azo dyes by chitin from aqueous solution ( <i>Communication</i> ) ...	682
Ester and amide type anionic surface-active agents ...	704	„ and <b>MacEwan T H</b> Classification of isotherm types for adsorption from solution ...	801
Filling leather with modified vinyl ether-maleic anhydride copolymers ...	110	„ See Cameron A ...	104, 498
Fluorescent brightening agents ...	561	Campbell D S E ...	104, 164
Gaseous development of exposed diazotypes ...	720	<b>Gill J P</b> Colour in writing and copying ( <i>Lecture</i> ) ...	739
Hectograph Black ...	318	<b>Gillet-Thaon</b> Folding and measuring cloth ...	313
Hectograph ink vehicles ...	878	<b>Gintse I K and Grigor'eva N E</b> Absorption spectra of glutamic aldehyde in solvents ...	789
Heterocyclic vat dyes ...	793	„ and <b>Sererina A P</b> Influence of acids and alkalis on absorption spectra ...	874
Hydrocarbon-soluble phthalocyanines ...	666	<b>Gintse N F</b> See Danilov S N ...	444
Inhibiting discoloration of whites in colour photographs	613	<b>Ginzburg O F, Gol'dberg Ts M and Kvyat E I</b> Products of condensation of arylcarbinols with 1-phenyl-3-methyl-5-pyrazolone ...	96
Iodine complexes of copolymers of N-vinyl pyrrolidones and vinyl and vinylidene compounds containing no nitrogen ...	716	„ and <b>Poral-Koshits B A</b> Indicator colour changes ...	96
Light sensitive diazotype compositions containing alumina pigments ...	720	<b>Giovannini E and Lorenz T</b> Action of lithium aluminium hydride on indole and isatin derivatives ...	434
Metal-complex monoazo pyrazolone dyes for wool, nylon, etc. ...	713	Preparation and properties of 3-hydroxyindoline ...	873
Methin disperse dyes for synthetic fibres as fluorescent pigments and fluorescent brightening agents ...	604	<b>Girling L</b> See Andrew M J ...	659
Methin dyes ...	793	<b>Glaeser H</b> Stain removal ...	784
Methin dyes for colouring plastics ...	57	<b>Glaeser L G</b> Improved differential colorimeter and its application to control of paint ...	885
Negative working diazo sulphonate foils ...	211	<b>Glegg R E and Kertesz Z I</b> Effect of $\gamma$ -radiation on cellulose ...	214
Nitro diarylamine methin disperse dyes ...	437	<b>Glenz O</b> Mechanism of dyeing acrylic fibres with basic dyes ...	322
Perylene tetracarboxylic acid diimide vat dyes ...	603	See Beckmann W ...	106
Phthalocyanine derivatives ...	606	<b>Giesmann M C and Tong L K J</b> Mechanism of dye formation in colour photography ...	50
Pre-sensitized, positive-working offset diazotype printing plate ...	107	<b>Glidden Co.</b> Resins for one-coat hammer metal finishes ...	878
Production of diazotisable amines in finely-dispersed form for application to cellulose acetate and nylon ...	197	Styrenated glyceride oil emulsions ...	562
Production of stabilised diazonium salts of improved physical form ...	714	<b>Globus R L</b> See Brudz V G ...	663
Pyridobenzimidazol azo dyes ...	58	<b>Gokhale M K, Peters L and Stevens C B</b> Dyeing hydrophobic fibres in solutions of solvents ( <i>Symposium</i> ) ...	236
Quinizarin ...	200	<b>Goland N I and Metelkina E M</b> Fur dyeing with vat dyes ...	564
Red dipyrazoloanthrone vat dyes ...	791	<b>Goldberg J B</b> Textile research achievements in 1957 ...	496
Red pyrazoloanthrone vat dyes ...	793	<b>Gol'dberg Ts M</b> See Ginzburg O F ...	96
Synthesis of Pinakryptol Yellow ...	603	<b>Golden J H, Linstead R P and Whitham C H</b> Structure of bacteriochlorophyll ...	662
Vat dyes of the dibenzanthrone series ...	56		
Yellow anthraquinone monoazo pigments ...	876		
Yellow nonfluorescent Schiff's bases ...	201		
<b>General Electric Co.</b> Hydrophobic silica	715		
Water-repellent compositions comprising a polysiloxane, a urea- or melamine-formaldehyde resin and a curing agent ...	430		
Water-repellent finish on cotton ...	721		



	PAGE
Goldenson J and Svatos G F Zolon Red and Zolon Red-silver complex ...	316
Gol'der G A and Zhdanov G S Crystal structure of naphthazarin ...	711
„ See Dokunikhin N S ...	711
Goldheim S L, Hancock W M and Patterson J T Colour variation in paperboard ...	507
Goldrie C See Forbat & Co. G ...	315
Goldschmid O See Alexander W J ...	114
Goldstein H and Mohanna S Nitration of 2-nitro-4-bromobenzoic acid ...	872
Goldstein I J and Smith F Reaction of periodate-oxidised polysaccharides with alcoholic hydrogen chloride ...	501
Goldthwait C F and Murphy A L Comparative mercerisation of yarns from various cottons ...	613
„ Mercerising technique to establish true length of cotton yarn ...	505
„ and Robinson H M Improved light and weather resistance of cotton after mercerisation ...	613
Goldžyrev L N Syntheses of substantive dyes of the diquinoline series ...	433
Golova O P See Andrievskaya E A ...	501
Gol'tman A D Separation of curcumin from curcuma roots ...	662
Gomes E, Maimind V I and Shernyakina M M Study of tautomeric system of triazene ...	95
Gondi P and Scacciatelli G Production and properties of zinc oxide ...	493
Gonzales E J and Jonassen H B Copper-o-azophenol complexes ...	51
Goodings A C, MacHattie L E and Thurl L H Diffusion of water vapour through laminae ...	63
Goodrich Co. B F Enhancing affinity of vinylidene cyanide interpolymer fibres and films for disperse dyes... ..	879
„ Fibrous silicon monoxide pigment... ..	877
„ Flexible, vapour-permeable, water-resistant thermoplastic coated fabric ...	108
„ Phthalocyanine pigments ...	794
„ Pigmented organic plastics ...	618
„ Pigmented vinylidene plastics ...	568
„ Polymeric emulsifying and dispersing agents ...	785
„ Thermoplastic material resembling suede leather ...	111
Goodyear Tire & Rubber Co. Carbon paper ...	70
„ Increasing strength, flex life and air permeability of regenerated cellulose cloths ...	721
Gorbacheva V O and Mikhailov N V Structure and phase state of polyethylene terephthalate fibres ...	668
Gordon D Toxicity of pentachlorophenol... ..	784
Gori R De See Cantagalli P ...	218
Goring D A I, Huque M M and Mason S G Molecular size and configuration of cellulose trinitrate in solution... ..	675
Gornostayeva S E and Ushenko I K 6:6'-Disubstituted thiocyanines containing unsaturated substituents... ..	789
Gorodov K I See Cherkinskii B E ...	48
Gorokhovskii Y M, Konyushkova I N and Vifanskii Y K Sensitometry of multilayer colour-photographic materials ...	619
„ See Barbarin B V ...	210
Götte E Standardisation of test methods for textile auxiliaries... ..	728
Gottlieb I M, Virgin H M and Wakeham H Compressional and absorptive behaviour of bulk fibre systems ...	505
Gottlieb O R and Magalhães M T Volumetric determination of nitrate ion, Simultaneous determination of nitrite ion ...	728
Gould J H See Brode W R ...	492
Gowing D M and Schreckengust J G High-speed, direct-reading glossmeter ...	731
Grace & Co. W R Cleansing textile print wash blankets ...	188
„ Emulsion paint vehicle ...	62
„ Silica gel flattening agent ...	716
Grachev I V, Gusev G G and Zavel'skii D Z Neutral diazo compounds ...	431
Gracheva L I See Brudz V G ...	663
Graham D R and Statham K W Tryptophan content of wool ...	607
Graham J G Dyeing newer synthetic fibres ...	880
Graham R T, Lolbl F and Wiebush J R Application of resin finishes to cotton garments using dry-cleaning plant ...	613
Grant G A See Blanchfield R ...	315
Grant J N, Humphreys G C and McDonald A W Effects of partial carboxymethylation of cottons ...	500
„ „ „ and Orr R S Effects of mercerisation on physical properties of chemically modified cottons ...	324
„ See Burgis A W ...	323

	PAGE
Grant P K and Johnson A W Pristimerin. Nature of chromophore ...	55
„ Pristimerin. Reactions involving the chromophore ...	97
Greathouse L H, Haydel C H and Janssen H J Heat evolution during acetylation of cotton ...	564
Greber G and Hopff H Polyamide and polyester fibres, Manufacture and properties ...	798
Greene R D Printing with emulsions ...	612
Grein P F A Accelerating action of alkaline thioglycolic acid on hair ...	722
„ Greener E Subtractive colour film ...	500
Grew J E and Williamson P K Washing problems in the synthetic fibres industry ...	563
Gribunina N A and Plaksin S A Soaping fabric after amocoupling ...	718
Griehl W and Schnock G Catalysis of polyester formation by ester exchange ...	111
Griffith J and Haly A R Penetration and supercontraction of keratin fibres by lithium bromide solutions ...	406
„ See Alexander A E ...	319
Griffith J C Quantitative estimation of non-ionic detergents... ..	71
„ See Feughelman M ...	439
Grigor'eva N E See Gintse I K ...	789, 872
Gripenberg J Aurantiacin. Pigment of <i>Hydnium aurantiacum</i> ...	574
Grishchuk A P See Baranov S N ...	708
Gritsenko A N and Zhuravlev S V, Synthesis of 3-Chlorodiphenylamine ...	788
Gröbe A and Klare H Action of bivalent cations on cellulose xanthate gels ...	879
„ Influence of coagulation baths on deformation of isotropic model cellulose filaments... ..	68
Groehl H Metal pigments for painting and spraying ...	606
Gropsian Z and Krispin I Oxidation of naphthalene by air in presence of vanadium catalysts in gaseous suspension ...	706
Groschopp H and Rath H Effect of swelling agents, on polyamide fibres ...	325
Grotenhuis T A Te See General Tire & Rubber Co. ...	202
Grove Silk Co. Stretchable fabric ...	723
Grozovskaya A M See Brudz V G ...	663
Gruber A H See Bikales N M ...	565
Gruescu G, Jacobescu S, Palea R and Reichel J Modified Primuline. Fusion and separation of product by alcoholic extraction ...	710
Grzywinski W Artificial polyamide coating on chrome, vegetable and sulphonyl-chloride-tanned splits ...	215
Gudrinietse E Yu and Vanag G Ya Condensation of indanone-1:3-dione with diazonium compounds ...	432
Guha S K and Sinha A K Dyes derived from acenaphthenequinone ...	434
Gupta A B Sen See Dutt A S ...	439
Gupta V D Crystallite orientation in jute treated with caustic soda solution ...	102
„ Quantitative X-ray study of $\alpha$ - $\beta$ transformation in keratin ...	319
Guretskii I Ya See Andreev P A ...	444
Gusev G G See Grachev I V ...	431
Guthrie J C Apparatus for measurement of crease recovery in hot liquors ...	84
„ and Oliver P H Applications of colour physics to textiles ...	104
Guthrie R D and Honeyman J Periodate oxidation of methyl 4:6-O-benzylidene- $\alpha$ -D-glucoside ...	567
Gutmann H, Isler O, Montavon M, Ruegg R, Ryser G and Zeller P Application of Wittig reaction to synthesis of esters of bixin and crocetin ...	53
Gutorski K Melamine and resorcinol resins for finishing leather ...	675
Guy W See Anderson S L ...	74
Gyan J A and Whaley T P Semi-quantitative estimation of sodium dithionite ...	446

## H

Hadfield H R and Broadhurst R High-temperature disperse dyeing of Terylene polyester fibre ( <i>Symposium</i> ) ...	387
„ and Seaman H Dyeing nylon with acid and mordant dyes at high temperatures ( <i>Symposium</i> ) ...	392
„ and Sokol W M Dyeing Acrilan acrylic fibre ( <i>Lecture</i> ) ...	629
Hafenrichter S Redox titration curves of vat dyes ...	506
Haginawa J, Murakoshi I, Takayama H, Tsuchiya T and Yokota K Reaction of aromatic ethers and diazonium compounds ...	787
Hahn G and Siddiqui R A Standardisation of myrobalan extracts for manufacture of fountain pen ink ...	885

	PAGE		PAGE
Hájek K Use of birefringence in determining fibre structure and investigating dyeing faults ...	508	Heberlein & Co. Colour effects on textiles ...	501
Hall Harding Applying liquid to cloth, paper, film, etc. ...	188	Decorative effects by metallising pliable sheet materials ...	673
Hallows H B and Turner H A Migration of dyes in fibre-substance during steaming ...	345	Dyed crimped yarns of synthetic fibres ...	67
Haloid Co. Xerographic developer ...	442	Fabric having undulation effects ...	673
Halstead J Light-reflecting flexible sheeting ...	213	Flock-coated textile fabrics ...	501
Haly A R Ultraviolet irradiation and wool epicuticle ...	607	Metallising textiles ...	673
See Feugelman M ...	319, 439	Heckert R E, Krespan C G, Little E L and Middleton W J Addition reactions of tetracyanoethylene ...	661
Griffith J ...	496	See Cairns T L ...	661
Hamby A N See Dyall L K ...	507	Heckert W W Orion acrylic fibre ...	320
Hamner W F See Daus G W ...	75	Richardson G M and Stanley H E Polyamide and polyester fibres. Recent progress ...	103
Hanby W E See Elliott A ...	215	Hedberg D G See Dickey J B ...	123
Hancock W M See Goldheim S L ...	507	Hedley & Co. T Colourless detergent yielding a coloured solution ...	785
Hanlan J F and Morrison J L Thermodynamic properties of the system wool keratin-water vapour ...	798	Detergent ...	871
Hanousek V and Matzka M Oxidimetric determination of Malachite Green with ceric sulphate ...	811	Heffernan M L See Brown R D ...	661
Hanousek V H See Dobáš J ...	194	Hefti H and Teszler O Radioactive degradation of cotton ...	439
Hansel C E M Combination of photoreceptor responses in photopic luminosity characteristic ...	113	Heidler K Colorimetric estimation of wool wax on fibre, in liquors and in technical products ...	111
Hansen E C Neutral scouring of greasy wool ...	608	and Horálek M Determining fat content of textiles ...	568
Hanson N W Analysis of paints, lacquers and varnishes ...	812	Heighway-Bury E G See Read N J ...	823
Harada K, Kuwata H and Murata K Azo dyes of N-(4-aminobenzoyl)-p-phenylenediamine ...	50	Heinle K Investigation of pigment defects in coatings by physical methods ...	75
Hydroxydianilinoanthraquinones ...	52	Heinrich C Finishing ladies' hose ...	325
Mitoguchi H and Murata K Azo dyes of 3-amino-4'-bisdimethylaminobenzophenone ...	50	Heiser E J Paper-coating trends in United States ...	723
and Murata K Azo dyes of thio- and dithio-amino derivatives ...	50	Hempels Skibsfarve-Fabrik J C Epoxy resins as binders in paints ...	797
Harborne J B and Sherratt H S A Flavonoids of primulaeae ...	434	Henbest H B See Buckley D ...	193
Hardie R L and Thomson R H Phenylation with diazoaminobenzenes ...	492	Henkel & Cie Chloroacetic esters as tanning agents ...	94
Harding E G Screen printing hose and half hose ...	703	Henley V F Production of multicolour effects on anodised aluminium ...	612
Hardman & Holden Complex aluminium alkoxides ...	101	Henniker J See Giger A ...	885
Hariharan P See Bhalia M S ...	113	Henseke G See Binte H J ...	739
Harker R P Absolute determination of vegetable matter in scoured wool ...	812, 836	Hensel W, Ried W and Schaeffer A Multiple colour changes during redox changes in vat dyes ...	802
Neutralisation of acid-treated wool by solutions of sodium carbonate ...	103	Hercules D M and Rogers L B Fluorimetric determination of 1- and 2-naphthol in mixtures ...	504
Harley-Mason J and Laird A H Dimer of o-benzoquinone ...	599	Hercules Powder Co. Corrosion inhibitor for chlorite bleaching baths ...	801
See Fassech S A ...	54	Inhibiting corrosion by chlorites ...	669
Harradine & Sons J Colouring silver dragées ...	508	Polymers of 3:3-bis(chloromethyl)oxetane as coating compositions ...	50
Harrap B S Interaction of Orange II with a keratin derivative ...	803	Sized paper ...	884
Harris H E See Bogaty H ...	801	Sizing carbonate-filled paper ...	884
Harris M and Krasny J F Annual review—Textiles 1957 ...	562	Urea-formaldehyde wet-strength resins ...	724
See Buras E M ...	562	Herdie L E and Richter G A False viscosity in cellulose acetate solutions ...	114
Harris-Seybold Co. Casein-containing lithographic coating ...	881	and Wahner W E Cellulose swelling measured by benzene retention ...	75
Harrison I R and Johnson C A Persistence of aldrin and dieldrin residues in sheep fleece ...	720	Herfeld H See Beyer S ...	71
Harrison W Photoelectric trichromatic colorimeters ...	116	Herforth L Fluorescent organic materials and chemical constitution ...	710
Hart V E, Madorsky S L and Straus S Thermal degradation of cellulosic materials ...	721	Herrmann E, Meissner E and Treibs A Blue pyrrole dyes ...	789
Harvey D and Penketh G E Determination of small amounts of o-phenylphenol ...	811	Herzog H M, Malm C J, Stewart M H and Tanque L J Reactivities of lower aliphatic anhydrides toward hydroxyl groups of cellulose ...	723
Harvey M R See Achhammer B G ...	727	Hess K Concept of ultratexture of fibrous materials ...	879
Hashimoto T Photochemical degradation of 6-nylon ...	907	Hess R Dry-cleaning today ...	717
Hassan A S A See Giles C H ...	647, 682, 846	Use of water carriers in theory and practice ...	329
Haug R Determination and importance of pigment—volume concentration ...	796	Hessler L E, Lane H C and Simmons C R Effect of temperature on physical and chemical development of cotton fibre ...	64
Hausam W Effect of synthetic dispersions on preservative and fungicidal ingredients of emulsions (Leather finishes and paints) ...	726	Hetnarski B See Eckstein Z ...	659
and Rupp R Finishing textiles with preserving and proofing agents and testing against cellulose-attacking micro-organisms ...	721	Heuberger H Continuous dyeing of cellulosic fibres ...	105
Hayakawa E and Morita Y Preparation of sodium carboxymethylcellulose by multistage etherification ...	675, 724	Heyden Newport Chemical Corpn. Salicylaldoxime as rot-proofing agent for cellulose ...	871
Haydel C H, Janssen H J, Pré A M Du, Seal J F and Vix H L E Continuous cyanoethylation of cotton yarn ...	565	Heydon Chemical Corpn. Improving dyeing properties of nylon ...	67
Seal J F and Vix H L E Decrystallisation of cotton cellulose ...	566	Heyman H and Masley A S Opaque water colours for artists ...	879
Improved process for cotton decrystallisation ...	318	Heyn A N J Bacteriological studies on cottons ...	318
See Gastrock E A ...	324	Interference microscope in fibre research ...	112
Greathouse L H ...	564	Occurrence of <i>Myrothecium</i> on field cotton ...	667
Head F S H Mechanism of periodate oxidation of D-glucose ...	501	Hibberd A D Behaviour of white emulsion paint during natural weathering ...	203
Hearle J W S Fringed fibril theory of structure in crystalline polymers ...	562	Coloured emulsion paints for outside use ...	203
Thermodynamic relations between stresses, deformations and moisture absorption ...	318	Hickson & Welch Ltd. Fluorescent brightening agents ...	604
Heberlein G and Weiss E Versatile cotton in high-style finishing ...	613	Higginbotham R S and Thomas F W Fluorescent brightening agents ...	710
		Higginbottom R P Agor ...	703
		Higgins E Rotproofing textiles ...	614





	PAGE		PAGE
<b>Imperial Chemical Industries Ltd.</b>		<b>Incédy A</b> See Demel E	218
Accelerating maturing of linoleum	727	<b>Industria Chimica Profarmaco</b> Fluorescent pigments	317
Anthraquinone disperse dyes	316, 665	<b>Ingold C K</b> Organo-chemical contribution to inorganic chemistry of nitrous acid	595
Anthraquinone reactive dyes	792	See Hughes E D	431
Antistatic finish for synthetic fibres	108, 190	<b>Innarone J J</b> High-temperature dyeing	563
Azo direct dyes for aftercoppering	98	<b>Inoue T</b> See Ikeda S	676
Bactericidal detergents	557	<b>Inouye K</b> Size and structure of commercial and graphitised carbon blacks by low-angle X-ray scattering and colloid-chemical methods	97
1-Benzoylamino-4-p-benzene-azo-anilino-2-methylantraquinone	493	<b>Inscoc M N</b> See Brode W R	492
Biguanides as rot and mothproofing agents	190	<b>Institut Textile de France</b> Use of fading lamps	447
Blue disperse dyes for aromatic polyesters	793	<b>Institute of Paper Chemistry</b> Sheets of filaments of fungi	884
Coating rubber	446	<b>Institute of Textile Technology</b> Cyanoethylating cotton with acrylonitrile vapour	565
Colour photography	882	Treating cyanoethylated cotton with amines	615
Coloured polycyclic compounds	714	<b>Interchemical Corp.</b> Pigmented resins for pad-dyeing or printing	107
Colouring polyester fibres	719	Ultramarine	100
Compositions containing lead chromate for colouring plastics	202	Wood stain containing pigments	732
Continuous bleaching	880	<b>International Minerals &amp; Chemical Corp.</b> Magnesium oxide	795
Copper complexes of $\alpha$ -hydroxyanthraquinones as disperse dyes	99	Printing inks containing anti-skinning agents	667
Cyanine dyes, New	201	<b>Inukai K</b> and <b>Maki Y</b> Difluoro-substituted Malachite Green	788
merocyanine dyes	202	See Hosokawa K	493
Dyeing highly polymeric esters	322	<b>Ioffe S T</b> and <b>Kabachnik M L</b> Protolysis of carboxylic acids by hexamethyltriaminotriphenyl carbinol	788
Dyeing polyester fibres and films	499	<b>Irvine J B</b> and <b>Kress B H</b> Acetal cellulose reactants	613
Filling leather	726	<b>Isaac P C G</b> and <b>Jenkins D</b> Biological oxidation of sugar-based detergents	703
Finishing leather with resin dispersions	676	<b>Iseda S</b> Mangiferin, colouring matter of mango	196
Flexible coated sheeting	213	<b>Ishii Y</b> Effect of fixing agents on fading of dyed regenerated cellulose	207
Imparting affinity for basic dyes to cellulose	615	<b>Ishikawa K</b> and <b>Matsumoto I</b> Stress relaxation in $\beta$ -nylon at different humidities and temperatures	320
Improved adherence of polyvinyl chloride to textiles	809	<b>Ishikawa N</b> and <b>Isozaki M</b> Acetylation of cellulose using sulphamic acid as catalyst	809
Improving adhesion of printing inks to polyethylene terephthalate	881	<b>Isler O</b> , <b>Lindlar H</b> , <b>Marbet R</b> , <b>Montavon M</b> , <b>Rüegg R</b> , <b>Ryser G</b> , <b>Saucy G</b> and <b>Zeller P</b> $\beta$ -Unsaturated carbonyl compounds from allyl halides and nitro-paraffins	53
Improving printability of polyethylene terephthalate films	210	and <b>Montavon M</b> Carotenoid syntheses	663
Improving printability of polythene	806	See <b>Rüegg R</b> and <b>Zeller P</b> New synthesis of symmetrical carotenoids	106
Increasing affinity of cellulosic fibres for basic dyes	804	See <b>Chopard-dit-Jean L H</b>	53
Increasing printability of polyethylene terephthalate film	618	<b>Gutmann H</b>	53
Lead chrome pigments for colouring cellulose acetate	202	<b>Ismail A F A</b> See <b>El-Shafel Z M</b>	51
Magenta colour couplers	211	<b>Isozaki M</b> See <b>Ishikawa N</b>	809
Metallisable disazo direct dyes having a sulphato group	98	<b>Israel Director General of Ministry of Agriculture</b> Wool rendered unshrinkable and non-felting	722
Metallisable monoazo disperse dyes	791	<b>Itano K</b> Synthesis of phenylpyrazolone derivatives	709
Monoazo compounds as absorbents for ultraviolet radiation	191	<b>Itô T</b> See <b>Azuma N</b>	812
Orange and brown metal-complex monoazo pyrazolone dyes for wool, nylon, etc.	494	<b>Fujita K</b>	888
Orange disazo acid dyes from bis(aminopyrazole) derivatives	435	<b>Ivanov V I</b> , <b>Kavazneva E D</b> and <b>Kuznetsova Z I</b> Influence of ketonic group on stability of glucosidic linkage	109
Orange and red monoazo disperse dyes	198	and <b>Kuznetsova Z I</b> Effect of carboxylic groups in cellulose on the stability of the glucosidic linkage	809
Pattern Cards, etc.	47, 311, 428, 594, 781, 868	See <b>Ermolenko I N</b>	616
Phosphated disazo direct dyes for aftercoppering	59	<b>Ivanova M I</b> See <b>Břkova A N</b>	608
Phosphated metallisable azo direct dyes	59	<b>Ivanova V N</b> Absorption curves of $\alpha$ - and $\beta$ -phenylthiophenes and their nitro compounds	789
Phthaloperone dyes	794	Nitro and amino compounds of phenylated derivatives of thiophen	789
Pigment padding of vat dyes on cellulose textiles	208	<b>Ivanova V S</b> See <b>Ermolenko I N</b>	616
Pigmented prints, impregnations and coatings on fibrous materials	210	<b>Ivarsson G</b> See <b>Franzon O</b>	618
Printing with onion dyes	564	<b>Ivey W R</b> See <b>Coover H W</b>	322
Quaternary phosphonium polyphosphates as water-repellent agents and insecticides	191	<b>Izmail'skil V A</b> and <b>Smirnov E A</b> Comparative study of phenomena of colour in azomethines	874
Reactive azo dyes having a cyanuric chloride residue reacting with cellulose	714		
Red metallisable disperse monoazo dyes	560		
Red monoazo dyes which combine with cellulose	58		
Reducing tendency of grafted acrylonitrile polymers to discolour when treated with alkali	443		
Resin finishes	325		
Treatment of boiler feed water	870		
Ultraviolet radiation absorbing agents	660		
Vat dyeing polyester fibres	670		
Violet and blue metal-complex monoazo dyes for wool, nylon, etc.	316		
Waterproofing leather	215		
Water-soluble biguanide condensates for improving dyeing properties of cellulosic and polyamide fibres	705		
Yarn-finishing process	500		
Yellow to brown metal-complex monoazo pyrazolone dyes for wool, nylon, etc.	560		
Yellow metallisable monoazo disperse dyes from 4-hydroxybenzothiazoles	875		
<b>Imperial Paper &amp; Color Corp.</b> Alkali-metal ferrocyanides and ammonium sulphate as intermediates for Iron Blue	317		
Cadmium-mercury sulphide pigments	437		

## J

<b>Jack K</b> Chemical methods of producing cottonised fibre in pressure vessels or boilers	204
<b>Jackson &amp; Brother and Southalls (Birmingham)</b> Scouring or dyeing apparatus	870
<b>Jacob L N</b> and <b>Mohler E F</b> Determination of phenolic compounds in water and effluents	111
<b>Jacqué L</b> See <b>Giger A</b>	885
<b>Jacquignon P</b> See <b>Bun-Hoi Ng Ph</b>	195
<b>Jagenberg-Werke</b> Cleaning device for air-stream doctors	49
<b>Jagri GmbH</b> Developments in pressure dyeing of yarns	870

	PAGE		PAGE
Jakobson I and Józefowicz W <i>NN</i> -Dehydroanthraquinone-azine in printing on cotton fabrics ...	209	Kacprzak F Status of dye industry in Poland ...	874
James A N <i>See</i> Dewar M J S ...	492	Kajanne P and Östring V Variables in de-inking waste paper ...	673
James D M Wet and dry opacity of paints ...	101	Kalle & Co Aryl esters and arylides of naphthaquinonediaside-carboxylic acids ...	57
Janiszewski K Effect of dyeing conditions on quality of wool fibre ...	207	Level dyeings by pad-steam process ...	209
Janssen H J <i>See</i> Gastrock E A ...	324	Kamer P <i>See</i> Eugster C H ...	874
Greathouse L H ...	564	Kamikura M <i>See</i> Fujii S ...	811
Haydel C H ...	318, 565, 566	Kändler L <i>See</i> Bobeth W ...	506
Jasani S R and Künzel R Japanese wax paper method for preparation of screen-printing stencils ...	881	Kanō T and Yagami K Rapid determination of molecular weight distribution by precipitation method of cellulose ...	731
Jaxons (Hillington) Garment presses ...	703	Kaplan A M <i>See</i> Baskin A D ...	802
Jayne G <i>See</i> Bergmann W ...	674	Kaplan I R <i>See</i> Angapindu A ...	812
Jedraszczyk H Evaluation of properties of surface-active agents ...	327	Kardos F <i>See</i> Deutsch R ...	438
Proofing wool against felting ...	882	Karrer P <i>See</i> Entschel R ...	603, 874
Jedrasiak Z <i>See</i> Brzezinski J ...	671	Karsai A Determination of transparency of printing inks ...	218
Jeffreys R A Intermediates from desylamines ...	51	Kashloka A <i>See</i> Arikawa S ...	597
Jeffries R Swelling and cavity formation in secondary cellulose acetate ...	616	Kaspa M and McRae E G Enhancement of phosphorescence ability on aggregation of dye molecules ...	711
Thermodynamic properties of secondary cellulose acetate-solvent systems ...	205	Kass W Possibilities and limitations of application of pigments to textiles ( <i>Lecture</i> ) ...	14
Jenkins D <i>See</i> Isaac P C G ...	703	Kassenbeck P Preparatory methods in electron microscopy and their application in fibre research ...	505
Jenny W Anthraquinone-1:4-disulphenic and -1:4-diselenic acids ...	873	„ and Leveau M Method of examining wool cross-sections by electron microscopy ...	205
Synthesis of anthraquinone-1:5-disulphenic acid ...	873	Katayama A, Konishi K and Kuroki N Disperse monoazo dyes from epichlorohydrin ...	559
<i>See</i> Hölzle G ...	873	Quinonimine-type sulphur dyes for Vinyon ...	598
Jensen P W Determination of apparent second-order transition temperatures of polymers ...	620	Sulphur dyes from tetrahydro-1-alkyl-3-quinolindol ...	598
Jezek J pH factor in washing hair and bristles ...	65	Kato K Direct dye staining of viscose rayon cross-sections and its applications ...	447
Jezewski Z, Swiderski J and Szuclnik A Influence of halogens in <i>meso</i> position on shift of absorption maximum in pentamethine cyanine dyes ...	54	Katreliev V N, Pesin L M, Segalevich F E and Zarubitskii A E Effect of impurities in melamine on condensation with formaldehyde ...	618
Johns-Manville Corps. Dyed flame-resistant fabric ...	443	Kauczynska-Wolfram M <i>See</i> Antezak B ...	205
Johnson A and Rahman M L Oxidation of mono- and disulphuric esters of quinol and of 1:4-naphthaquinols with hydrogen peroxide ( <i>Communication</i> ) ...	291	Kavazneva E D <i>See</i> Ivanov V I ...	109
Johnson A W and McCaldin D J Reaction of ninhydrin with cyclic $\alpha$ -imino acids ...	433	Kawamata T <i>See</i> Arikawa S ...	597
Structure of Isatin Blue ...	52	Kawasaki M and Tomoda Y Protecting colour photographs from fading ...	805
„ <i>See</i> Grant P K ...	55, 97	Protecting photographic colour images from fading ...	442
Johnson B L <i>See</i> Cooke R G ...	430	Kayahara K <i>See</i> Iida H ...	492
Johnson C A <i>See</i> Harrison I R ...	720	Kaye W G and Nissen A H Mechanism of drying thick porous bodies during the falling-rate period ...	68
Johnson C D and Telesz L A Paper chromatography of disperse dyes ( <i>Correspondence</i> ) ...	858	Kaye W I, Smith T M and Thompson H A Design of lustre-metre for quality control ...	328
Johnson P <i>See</i> Doremus K H ...	502	Keating E J <i>See</i> Honold E ...	64
Johnson W S Package dyeing ...	783	Kee Lox Manufacturing Co. Luminescent transfer paper ...	882
Johnson & Johnson Insolubilised cellulose ethers ...	558	Kefer E H <i>See</i> Bedon H D ...	503
Johnson & Son S C Alkali-soluble bisphenol resins ...	94	Kehren M and Rösch M Electron-microscopic examination of detergents ...	327
Joly and Guyonnet Heat treatment of fabrics of synthetic and cellulose triacetate fibres ...	882	„ <i>See</i> Donks H ...	314
Jonassen H B and Oliver J R Stereochemistry of copper-dye complexes ...	597	Keil H Azole combinations in continuous dyeing and discharge printing ...	321
„ <i>See</i> Gonzales E J ...	51	Keirstead K F <i>See</i> Gagnon P E ...	326, 597, 567, 568
Jones E H Automatic control in application of sizing and finishing substances in continuous wet processing ...	68	Kelen I and Zilahi M Examination of factors in cotton sizing ...	442
Jones T G and Shuttleworth T H Particle size and detergency ...	800	Keller A and O'Connor A Large periods in polyethylene. Origin of low-angle X-ray scattering ...	215
Jonge J De, Ochsenfeld V, Pollinsky K and Sziget G Preparation of Paris Blue ...	58	Kellett H Dyeing acrylic fibres and blends with cellulose fibres ...	890
„ and Ugelstad J Kinetics of reaction between amides and formaldehyde ...	443	Kelley G G and Watts B M Effect of reducing agents on colour of cured meat ...	76
„ <i>See</i> Dijkstra R ...	707	Kellog Co. M W Coating textiles with perfluorochloroolefin polymer ...	443
Jörder H Metal coating of fabrics, plastic films and paper ...	313	Dispersion of perfluorochloroolefin polymers ...	446
<i>See</i> Elöd E ...	440	Kelly K L Observer differences in colour-mixture functions studied by means of a pair of metameric greys ...	508
Joseph K T <i>See</i> Bose S M ...	75, 109	Kendall Co. Decorative cushion fabric ...	883
Joslyn M A, Peterson R G and Robinson R Betanin, the pigment of red beet ...	790	Kenney R A, Lermond C A and Thompson G Fibre identification ...	618
Joet S Textile auxiliaries ...	659	Kerf J L F De Accuracy of tristimulus computations ...	730
Textile chemicals table ...	429	Kerk G J M van der and Overeem J C Mollin ...	55
Józefowicz W <i>See</i> Jakobson I ...	209	Kern R Effect of thickness in padding with ultradiperse vat dyes ...	802
Jullander I <i>See</i> Brune K ...	673	Kern W <i>See</i> Fendel K ...	788
Jullig T <i>See</i> Boldo D ...	870	Kerr J R W <i>See</i> Christie A A ...	446
Jurd L and Rinderknecht H Non-enzymatic Browning reaction ...	711	Kertesz D Structure of melanins ...	53
		Kertesz Z I <i>See</i> Glegg R E ...	214
		Kessler H and Sattow G Bilateral structure and swelling of mildly pretreated wool ...	668
		„ and Zahn H Relation between urea-bisulphite solubility and disulphide exchange in wool ...	668

## K

Kabachnik M I <i>See</i> Ioffe S T ...	788
Kachurin M G Combating streakiness in poplin ...	718
Kachurin O I and Spryskov A A Determination of isomers of chlorobenzenesulphonic acids ...	430

	PAGE		PAGE
<b>Imperial Chemical Industries Ltd.</b>		<b>Incédy A</b> See Demel E	218
Accelerating maturing of linoleum	727	<b>Industria Chimica Profarmaco</b> Fluorescent pigments	317
Anthraquinone disperse dyes	316, 665	<b>Ingold C K</b> Organo-chemical contribution to inorganic chemistry of nitrous acid	595
Anthraquinone reactive dyes	792	See Hughes E D	431
Antistatic finish for synthetic fibres	108, 190	<b>Innarone J J</b> High-temperature dyeing	563
Azo direct dyes for aftercoppering	98	<b>Inoue T</b> See Ikeda S	676
Bactericidal detergents	557	<b>Inouye K</b> Size and structure of commercial and graphitised carbon blacks by low-angle X-ray scattering and colloid-chemical methods	97
1-Benzoylamino-4-p-benzene-azo-anilino-2-methylantraquinone	493	<b>Insoe M N</b> See Brode W R	492
Biguanides as rot and mothproofing agents	190	<b>Institut Textile de France</b> Use of fading lamps	447
Blue disperse dyes for aromatic polyesters	793	<b>Institute of Paper Chemistry</b> Sheets of filaments of fungi	884
Coating rubber	446	<b>Institute of Textile Technology</b> Cyanoethylating cotton with acrylonitrile vapour	565
Colour photography	882	Treating cyanoethylated cotton with amines	615
Coloured polycyclic compounds	714	<b>Interchemical Corp.</b> Pigmented resins for pad-dyeing or printing	107
Colouring polyester fibres	719	Ultramarine	100
Compositions containing lead chromate for colouring plastics	202	Wood stain containing pigments	732
Continuous bleaching	880	<b>International Minerals &amp; Chemical Corp.</b> Magnesium oxide	705
Copper complexes of $\alpha$ -hydroxyanthraquinones as disperse dyes	99	Printing inks containing anti-skinning agents	667
Cyanine dyes, New	201	<b>Inukai K and Maki Y</b> Difluoro-substituted Malachite Green	788
merocyanine dyes	202	See Hosokawa K	493
Dyeing highly polymeric esters	322	<b>Ioffe S T and Kabachnik M L</b> Protolysis of carboxylic acids by hexamethyltriaminotriphenyl carbinol	788
Dyeing polyester fibres and films	499	<b>Irvine J B and Kress B H</b> Acetal cellulose reactants	613
Filling leather	726	<b>Isaac P C G and Jenkins D</b> Biological oxidation of sugar-based detergents	708
Finishing leather with resin dispersions	676	<b>Iseida S</b> Mangiferin, colouring matter of mango	196
Flexible coated sheeting	213	<b>Ishii Y</b> Effect of fixing agents on fading of dyed regenerated cellulose	207
Imparting affinity for basic dyes to cellulose	615	<b>Ishikawa K and Matsumoto I</b> Stress relaxation in 6-nylon at different humidities and temperatures	320
Improved adherence of polyvinyl chloride to textiles	800	<b>Ishikawa N and Isozaki M</b> Acetylation of cellulose using sulphamic acid as catalyst	809
Improving adhesion of printing inks to polyethylene terephthalate	881	<b>Isler O, Lindlar H, Marbet R, Montavon M, Rüegg R, Ryser G, Saucy G and Zeller P</b> $\beta$ -Unsaturated carbonyl compounds from allyl halides and nitro-paraffins	53
Improving printability of polyethylene terephthalate films	210	„ and Montavon M Carotenoid syntheses	663
Improving printability of polythene	806	„ „ Rüegg R and Zeller P New synthesis of symmetrical carotenoids	196
Increasing affinity of cellulose fibres for basic dyes	804	„ See Chopard-dit-Jean L H	53
Increasing printability of polyethylene terephthalate film	618	Gutmann H	53
Lead chrome pigments for colouring cellulose acetate	202	<b>Ismail A F A</b> See El-Shafei Z M	51
Magenta colour couplers	211	<b>Isozaki M</b> See Ishikawa N	809
Metallisable disazo direct dyes having a sulphato group	98	<b>Israel Director General of Ministry of Agriculture</b> Wool rendered unshrinkable and non-felting	722
Metallisable monoazo disperse dyes	791	<b>Itano K</b> Synthesis of phenylpyrazolone derivatives	709
Monoazo compounds as absorbents for ultraviolet radiation	191	<b>Itô T</b> See Azuma N	812
Orange and brown metal-complex monoazo pyrazolone dyes for wool, nylon, etc.	494	Fujita K	888
Orange disazo acid dyes from bis(aminopyrazole) derivatives	435	<b>Ivanov V I, Kaverzneva E D and Kuznetsova Z I</b> Influence of ketonic group on stability of glucosidic linkage	109
Orange and red monoazo disperse dyes	198	„ and Kuznetsova Z I Effect of carboxylic groups in cellulose on the stability of the glucoside linkage	809
Pattern Cards, etc.	47, 311, 428, 594, 781, 868	„ See Ermolenko I N	616
Phosphated disazo direct dyes for aftercoppering	59	<b>Ivanova M I</b> See Břkov A N	608
Phosphated metallisable azo direct dyes	59	<b>Ivanova Y N</b> Absorption curves of $\alpha$ - and $\beta$ -phenylthiophens and their nitro compounds	739
Phthaloperinone dyes	794	Nitro and amino compounds of phenylated derivatives of thiophen	789
Pigment padding of vat dyes on cellulose textiles	208	<b>Ivanova V S</b> See Ermolenko I N	616
Pigmented prints, impregnations and coatings on fibrous materials	210	<b>Ivarsson G</b> See Franzen O	618
Printing with onium dyes	564	<b>Ivey W R</b> See Coover H W	322
Quaternary phosphonium polyphosphates as water-repellent agents and insecticides	191	<b>Izmail'skii V A and Smirnov E A</b> Comparative study of phenomena of colour in azomethins	874
Reactive azo dyes having a cyanuric chloride residue reacting with cellulose	714		
Red metallisable disperse monoazo dyes	560		
Red monoazo dyes which combine with cellulose	58		
Reducing tendency of grafted acrylonitrile polymers to discolour when treated with alkali	443		
Resin finishes	325		
Treatment of boiler feed water	870		
Ultraviolet radiation absorbing agents	660		
Vat dyeing polyester fibres	670		
Violet and blue metal-complex monoazo dyes for wool, nylon, etc.	316		
Waterproofing leather	215		
Water-soluble biguanide condensates for improving dyeing properties of cellulose and polyamide fibres	705		
Yarn-finishing process	500		
Yellow to brown metal-complex monoazo pyrazolone dyes for wool, nylon, etc.	560		
Yellow metallisable monoazo disperse dyes from 4-hydroxybenzthiazoles	875		
<b>Imperial Paper &amp; Color Corp.</b> Alkali-metal ferrocyanides and ammonium sulphate as intermediates for Iron Blue	317		
Cadmium-mercury sulphide pigments	437		

## J

<b>Jack K</b> Chemical methods of producing cottonised fibre in pressure vessels or boilers	204
<b>Jackson &amp; Brother and Southalls (Birmingham)</b> Scouring or dyeing apparatus	870
<b>Jacob L N and Mohler E F</b> Determination of phenolic compounds in water and effluents	111
<b>Jacqué L</b> See Giger A	885
<b>Jacquignon P</b> See Buu-Hoi Ng Ph	195
<b>Jagenberg-Werke</b> Cleaning device for air-stream doctors	49
<b>Jagri GmbH</b> Developments in pressure dyeing of yarns	870



	PAGE		PAGE
Jakobson I and Józefowicz W <i>NN</i> -Dehydroanthraquinone-azine in printing on cotton fabrics ...	209	Kacprzak F Status of dye industry in Poland ...	874
James A N See Dewar M J S ...	492	Kajanne P and Östring V Variables in de-inking waste paper ...	673
James D M Wet and dry opacity of paints ...	101	Kalle & Co Aryl esters and arylides of naphthaquinonediaside-carboxylic acids ...	57
Janiszewski K Effect of dyeing conditions on quality of wool fibre ...	207	Level dyeings by pad-steam process ...	308
Janssen H J See Gastrock E A ...	324	Kamer P See Eugster C H ...	874
Greathouse L H ...	564	Kamikura M See Fujii S ...	811
Haydel C H ...	318, 565, 566	Kändler L See Bobeth W ...	506
Jasani S R and Künzel R Japanese wax paper method for preparation of screen-printing stencils ...	881	Kanō T and Yagami K Rapid determination of molecular weight distribution by precipitation method of cellulose ...	731
Jaxons (Hillington) Garment presses ...	703	Kaplan A M See Baskin A D ...	802
Jayne G See Bergmann W ...	674	Kaplan I R See Angapindu A ...	812
Jedraszczyk H Evaluation of properties of surface-active agents ...	327	Kardos F See Deutsch R ...	485
Proofing wool against felting ...	882	Karrer P See Entschel R ...	603, 874
Jedrusiak Z See Brzezinski J ...	671	Karsal A Determination of transparency of printing inks ...	218
Jeffreys R A Intermediates from desylamines ...	51	Kashioka A See Arikawa S ...	597
Jeffries R Swelling and cavity formation in secondary cellulose acetate ...	616	Kaspa M and McRae E G Enhancement of phosphorescence ability on aggregation of dye molecules ...	711
Thermodynamic properties of secondary cellulose acetate-solvent systems ...	205	Kass W Possibilities and limitations of application of pigments to textiles ( <i>Lecture</i> ) ...	14
Jenkins D See Isaac P C G ...	703	Kussenbeck P Preparatory methods in electron microscopy and their application in fibre research ...	505
Jenny W Anthraquinone-1:4-disulphenic and -1:4-diselenic acids ...	873	„ and Leveau M Method of examining wool cross-sections by electron microscopy ...	205
Synthesis of anthraquinone-1:5-disulphenic acid ...	873	Katayama A, Konishi K and Kuroki N Disperse monoazo dyes from epichlorohydrin ...	559
See Hölzle G ...	873	Quinonimine-type sulphur dyes for Vinyon ...	598
Jensen P W Determination of apparent second-order transition temperatures of polymers ...	620	Sulphur dyes from tetrahydro-1-alkyl-3-quinolinol ...	598
Jezek J pH factor in washing hair and bristles ...	85	Kato K Direct dye staining of viscose rayon cross-sections and its applications ...	447
Jezewski Z, Swiderski J and Szuclinski A Influence of halogens in <i>meso</i> position on shift of absorption maximum in pentamethine cyanine dyes ...	54	Kotrelev V N, Pashin L M, Segalevich F E and Zarubitskii A E Effect of impurities in melamine on condensation with formaldehyde ...	618
Johns-Manville Corp., Dyed flame-resistant fabric ...	443	Kauczynska-Wolfram M See Antezak B ...	205
Johnson A and Rahman M L Oxidation of mono- and disulphuric esters of quinol and of 1:4-naphthaquinols with hydrogen peroxide ( <i>Communication</i> ) ...	291	Kaverzneva E D See Ivanov V I ...	109
Johnson A W and McCaldin D J Reaction of ninhydrin with cyclic $\alpha$ -imino acids ...	433	Kawamata T See Arikawa S ...	597
Structure of Isatin Blue ...	52	Kawasaki M and Tomoda Y Protecting colour photographs from fading ...	805
„ See Grant P K ...	55, 97	Protecting photographic colour images from fading ...	442
Johnson B L See Cooke R G ...	430	Kayahara K See Iida H ...	492
Johnson C A See Harrison I R ...	720	Kaye W G and Nissen A H Mechanism of drying thick porous bodies during the falling-rate period ...	68
Johnson C D and Telesz L A Paper chromatography of disperse dyes ( <i>Correspondence</i> ) ...	858	Kaye W I, Smith T M and Thompson H A Design of lustre-metre for quality control ...	328
Johnson P See Doremus K H ...	502	Keating E J See Honold E ...	64
Johnson W S Package dyeing ...	783	Kee Lox Manufacturing Co. Luminescent transfer paper ...	882
Johnson & Johnson Insolubilised cellulose ethers ...	558	Kefer E H See Bedon H D ...	503
Johnson & Son S C Alkali-soluble bisphenol resins ...	94	Kehren M and Rösch M Electron-microscopic examination of detergents ...	327
Joly and Guyonnet Heat treatment of fabrics of synthetic and cellulose triacetate fibres ...	882	„ See Dunks H ...	314
Jonassen H B and Oliver J R Stereochemistry of copper-dye complexes ...	597	Keil H Azole combinations in continuous dyeing and discharge printing ...	321
„ See Gonzales E J ...	51	Keirstead K F See Gagnon P E ...	326, 507, 567, 568
Jones E H Automatic control in application of sizing and finishing substances in continuous wet processing ...	68	Kelen I and Zilahi M Examination of factors in cotton sizing ...	442
Jones T G and Shuttleworth T H Particle size and detergentcy	800	Keller A and O'Connor A Large periods in polyethylene. Origin of low-angle X-ray scattering ...	215
Jonge J De, Ochsenfeld V, Pollinsky K and Sziget G Preparation of Paris Blue ...	58	Kellett H Dyeing acrylic fibres and blends with cellulose fibres ...	880
„ and Ugelstad J Kinetics of reaction between amides and formaldehyde ...	443	Kelley G G and Watts B M Effect of reducing agents on colour of cured meat ...	76
„ See Dijkstra R ...	707	Kellog Co. M W Coating textiles with perfluorochloroolefin polymer ...	443
Jörder H Metal coating of fabrics, plastic films and paper ...	313	Dispersion of perfluorochlorocarbon polymers ...	446
See Elöd E ...	440	Kelly K L Observer differences in colour-mixture functions studied by means of a pair of metameric greys ...	508
Joseph K T See Bose S M ...	75, 100	Kendall Co. Decorative cushion fabric ...	883
Joslyn M A, Peterson R G and Robinson R Betanin, the pigment of red beet ...	790	Kenney R A, Lermond C A and Thompson G Fibre identification ...	618
Jost S Textile auxiliaries ...	659	Kerf J L F De Accuracy of tristimulus computations ...	730
Textile chemicals table ...	429	Kerk G J M van der and Overeem J C Mollisin ...	55
Józefowicz W See Jakobson I ...	209	Kern R Effect of thickness in padding with ultradiisperse vat dyes ...	802
Jullander I See Brune K ...	673	Kern W See Fendel K ...	788
Jullig T See Boldo D ...	870	Kerr J R W See Christie A A ...	446
Jurd L and Rinderknecht H Non-enzymatic Browning reaction ...	711	Kertesz D Structure of melanins ...	53
		Kertesz Z I See Glegg R E ...	214
		Kessler H and Sathow G Bilateral structure and swelling of mildly pretreated wool ...	608
		„ and Zahn H Relation between urea-bisulphite solubility and disulphide exchange in wool ...	608

## K

Kabachnik M I See Ioffe S T ...	788
Kachurin M G Combating streakiness in poplin ...	718
Kachurin O I and Spryskov A A Determination of isomers of chlorobenzenesulphonic acids ...	430

	PAGE		PAGE
Kevel E, Kizel M and Spányár P Polarographic simultaneous determination of nitrite and nitrate ...	676	Kobayashi F F Development of detergents for raw wool scouring ...	219
Keystone Chemurgic Corp. Yellow food dyes from bixin ...	604	Kobayashi H Fractionation of polyacrylonitrile ...	116
Khachoyan J and Niederhauser J P Method for high-temperature dyeing of acrylic fibres ( <i>Symposium</i> ) ...	133	Kobayashi M, Takizawa T and Uchida H Instrumental ranking of fabric handle ...	729
Kharitonov V M See Frunze T M ...	508, 568	„ See Hirata A ...	668
Kharitonova V P and Pakshver A B Effect of acetyl group content of cellulose acetate on properties of solutions ...	675	Kobayashi T See Horio M ...	674
Kharkharov A A Indicator properties of arylhydrazones of 9-acridinecarboxaldehyde ...	873	Koch L Uramine in D&C Red No. 22 ...	835
„ Mechanism of azo coupling ...	707	Koch M and Kühn M Prevention of thickening of bodied oil enamel lacquers pigmented with zinc white ...	606
Khmel'ntskaya I L and Sergeeva Z I Artificial ageing of cotton fabrics dyed with sulphur black ...	105	Koch O and Rabe P Standard depths for assessment of colour fastness of dyed and printed textiles ...	114
„ Tendering of cotton dyed with sulphur black ...	498	Koch P-A Polyamide fibres—6,6-nylon and 6-Perlon... Polyester fibres. Table of properties ... Synthetic fibres ...	205 320 319
Khokhlov V D Automatic temperature control in silk dyeing ...	498	Kodak	
Khouri F Fibrillar structure of spherulites in polyhexamethylenedipamide ...	216	Colour couplers ...	671, 790
Kienel J E Automatic application of transfers to garments ...	188	Colour photography ...	107
Kienel E and Schurz J Carboxymethylcellulose. Optical investigations ...	444	Cyanine dyes ...	100
Kikuchi H, Matsui K and Miyazaki I Synthesis of chloromethanesulphonamides. Constitution of Eulan WA (FBy) ...	93	merocyanine dyes ...	795
Kikuchi K and Okajima S Effect of dyeing with acid mordant dyes on permanent set of wool ...	563	Cyanine dyes containing a N-carbamylmethyl group ...	495
Kimberly-Clark Corp. Apparatus for coating paper with mineral pigments ...	188	Derivatives of 2:4-dicarboxyalkoxy benzamides as colour developers ...	712
Kimura K, Kuwano S and Satomi Y Colorimetric determination of p-catechin in catechin ...	728	Dispersions of colour couplers for use in photographic silver salt emulsions ...	500
„ and Yano W New semimicro continuous wetting test. "Tensiometer method" ...	886	Increasing photosensitive properties of cyanine dyes ...	806
Kind S S Use of acid phosphatase test for seminal stains ...	72	Mixtures of ionised and non-ionised dyes as photographic sensitizers ...	67
King H G C and White T Conversion of flavanols into anthocyanidins ...	55	Kohliert R Shape-retaining and water-repellent garments ...	883
Kinney J A S Comparison of scotopic, mesopic and photopic spectral sensitivity curves ...	730	Koganovskii A M, Rovinskaya T M and Taran P N Treating waste sulphide dye liquors ...	49
Kiprianov A I See Babichev F S ...	433	Kögler J Drying or heating flat or loose material ...	313
„ Fedorova I P ...	709	Kohan M I and Lindegren C R Control of spherulitic texture in 6,6-nylon ...	617
Kirina E See Berlin A ...	102	Kolizumi M Colour and structure of organic compounds ...	192
Kiser L H See Campbell P W ...	798	Kojima H and Yamada S Resin finishing with acrylic acid monomers ...	672
Kislova A I See Arestenko A P ...	95	Kolat R S and Stillo H S Mode of operation of anti-redeposition agents in detergent solutions ...	320
Kiss A Light absorption of condensed aromatic compounds ... Mechanism of light absorption of complexes having electrostatic bonds ...	662 430	Kolok Manufacturing Co. Transfer sheets for spirit duplicating ...	881
„ and Muth B R Ultraviolet absorption spectra of selenonaphthen, selenindigo and 3-hydroxyselenonaphthen ...	662	Kolšek J Paper chromatography of acid dyes ...	728
Kizel M See Kevel E ...	676	Komoda T, Siuto E, Uyeda N and Watanabe H Lattice image of twin structure observed directly by electron microscope in a crystal of copper phthalocyanine ...	493
Kitahara S See Hiyama H ...	598, 811	Konieczki W B and Linch A L Determination of aromatic nitro compounds ...	728
Kitao T, Konishi K and Kuroki N 1:4-Dihydroxynaphthalene monoalkyl ethers in dyeing Vinyon ...	719	König E See Förstner T ...	52
Kizber A I and Puchkov V A Thermal decomposition of diazoaminobenzoic acids ...	50	Konishi K and Kuroki N Disperse monoazo dyes having an N-hydroxyalkyl or N-cyanoethyl group ...	559
Klahr L Benzyl ethers of o- and p-phenylphenols ...	659	„ „ and Maruyama T Monoazo disperse dyes containing a 3-oxobutyl or 3-hydroxybutyl group ...	660
Klare H Influence of degree of polymerisation and cellulose concentration on physical properties of viscose ...	63	„ „ and Nishiura A Disperse dyes from pyrocatechol dialkyl ethers ...	787
„ See Gröbe A ...	63, 879	„ See Kitao T ...	719
Klebanski A L and Vilesova M S Synthesis of N-alkyl derivatives of hexamethylenediamine ...	885	Katayama A ...	559, 598
Klein E and Snowden J E Replacing hydroxyl groups in cotton cellulose ...	567	Konkin A A and Rymashevskaya Yu A Xanthation of cellulose ...	809
Klein K Paper from synthetic fibres ...	444	„ See Demina N V ...	497
Kleinewefers Söhne J Automatic roller lifting devices for calendars ...	703	Konyushkova I N See Gorokhovskii Y M ...	619
Klenk H Medicated fibrous materials ...	725	Kooljmann P L and Kortland C Solubility of binary and ternary systems of synthetic detergents ...	784
Klimits L and Rehner T Determination of specific surface of leafing aluminium flake pigments ...	218	Köpke V and Nilsson B Recognition of chemical damage in wool ( <i>Correspondence</i> ) ...	89
Kilmova O M and Kristalinskaya M G Structure of carboxymethylcellulose and derivatives ...	214	Use of paper chromatography to identify chemical damage to wool ...	73
Kline D E See Deesley C W ...	63	Koppers Co. Anthraquinone ...	600
Kling W, Langner-Irle C and Nemetschek T Electron-microscopic investigation of thin cotton fibre sections ...	797	Körble J, Pribil R, Svoboda V and Terzijská D New group of metallochromic indicators ...	433
Klusiak V V See Brazaukas V V ...	718, 804	Korff M E and Tigges G Flexible carrier for wet treatment of yarn cheeses ...	783
Klyne V N See Dogadkina L A ...	597	Korishi K, Kuroki N and Nishino J Monoazo disperse dyes containing phenylmorpholine ring ...	660
Knapack-Griesheim Carbon black from acetylene or mixtures of acetylene and hydrocarbons ...	202	Korol'kov I I See Garmanova E N ...	114, 444
Knowles G See Christie A A ...	446	Korshak V V, Krongauz E S and Slonimskii G L Pyrolytic decomposition of polyhexamethylenedipamide ...	617
Knox J C Pollution control of New England Interstate water containing textile-mill wastes ...	784	„ and Mozgova K K Method for obtaining initiated copolymers ...	810
Knuzyants I L, Mogilevskii E M, Nikolaeva N S and Strepikeev A A Dissolution of cellulose in quaternary ammonium bases ...	109	„ „ and Zasechikina A P Influence of low-molecular compounds on photochemical decomposition of polystyrene ...	111

	PAGE
<b>Korshak V V and Vinogradova S V</b> Polyesters from $\beta$ -methyladipic and $\beta$ -p-nitrophenylglutaric acids ...	110
Polyesters of terephthalic and isophthalic acids and aromatic dihydroxy compounds ...	810
„ See Andreev D N ...	885
Bekasova N I ...	726, 810
Belyakov V M ...	110, 803
Frunze T M ...	110, 503, 508, 617, 726
<b>Kortland C</b> See Kooijman P L ...	784
<b>Kotina V E</b> See Demina N V ...	497
<b>Kouris M, Mason S G and Ruck H</b> Effect of water removal on crystallinity of cellulose ...	674
<b>Kovbuz M A, Kucher R V and Yavorovskii A A</b> Colloidal properties of esters of sodium sulphosuccinate ...	596
<b>Kozmina O P and Kuriyankina V I</b> Ageing and thermo-oxidation decomposition of ethylcellulose ...	809
<b>Kozlov V V</b> Rearrangement of dry salts of 2-naphthylamine-1-sulphonic acid and 2-naphthylsulphamic acid ...	94
„ and <b>Yakobson G G</b> Rearrangement of 2-naphthol-6-sulphonate to 2-naphthol-7-sulphonate ...	94
<b>Koz'yeva J V</b> See Efremova L N ...	53
<b>Králik I</b> See Fúkk K ...	448
Gál I ...	449
<b>Krämer H</b> See Boeckel H ...	550
<b>Kramer M</b> IsoCyanates in textile finishing ...	324
See Gensel H ...	882
<b>Krantz Sohne H</b> Pleated introduction of cloth into clip or pin chains of tenters ...	401
<b>Kranz M</b> Iron-zinc red pigments ...	500
Preparation of stable yellow ferric pigments ...	603
Red pigments composed of ferric oxide and sulphates of alkaline-earth metals ...	197
„ and <b>Krause A</b> Preparation of ferric red by topochemical method ...	197
<b>Krasivskaya A A and Sobolev M A</b> Molecular weight of flax pectin ...	607
<b>Krasnova T V, Kulik E Z, Levkoev I I and Sveshnikov N N</b> Cyanine dyes. 7:7'-Dimethylthiacarbocyanines ...	433
<b>Krasny J F</b> See Harris M ...	562
<b>Krasnyanskaya E A</b> See Frunze T M ...	110
<b>Krasovitskii B M, Litvinenko L M and Serova T A</b> Effect on colour of monoazo dyes from diphenyl, fluorene, and dinaphthyl ...	95
„ <b>Ostrovskaya B I and Smelyakova V B</b> Effect of steric factors on properties of dyes containing diphenyl system ...	95
<b>Krause A</b> See Kranz M ...	197
<b>Kreshkov A P</b> See Andreev P A ...	444
<b>Krespan C G</b> See Heckert R E ...	661
<b>Kress B H</b> See Irvine J B ...	613
<b>Krispin I</b> See Gropsian Z ...	706
<b>Kristalinskaya M G</b> See Klimova O M ...	214
<b>Krolik L G and Lukashevich V O</b> Disproportionation of hydrazo compounds on heating with salts of amines and weak acids ...	787
<b>Krongauz E S</b> See Korshak V V ...	617
<b>Kronsbein R</b> See Bellmann E E ...	48, 672
<b>Kropacheva A A, Sergievskaya S I and Sventsitskaya L E</b> 2:4-Di-(ethylenimine)-1:3:5-triazines ...	780
<b>Kucher R V</b> See Kovbuz M A ...	596
<b>Kühn M</b> See Koch M ...	606
<b>Kukada N</b> Salts of iron phthalocyanine-4-sulphonic acid ...	195
<b>Kukhar'skaya É V</b> See Andreev D N ...	885
<b>Kulik É Z</b> See Krasnova T V ...	433
<b>Kullman R M H, Marxeno L W, Moore H B, Reid J D and Reinhardt R M</b> Wet soiling of resin treated cotton ...	808
„ <b>Reid J D and Reinhardt R M</b> Durable creasing of wrinkle-resistant cotton ...	614
<b>Kumler R W</b> Behaviour of various dyes towards de-linking chemicals ...	444
<b>Kunsch V</b> Coating cloth with metal ...	809
<b>Küntzel A</b> Action of nitrous acid on collagen ...	109
Review of work on effect of nitrous acid on collagen ...	445
<b>Kunze W</b> Identification of azoic coupling components by microsublimation ...	504
<b>Künzl R</b> See Jaani S B ...	881
<b>Kuriyankina V I</b> See Kozmina O P ...	809
<b>Kuroda H</b> See Akamatu H ...	195
Horio M ...	674
<b>Kuroki N</b> See Katayama A ...	559, 698
Kitao T ...	719
Konishi K ...	559, 600, 787
<b>Kurosawa Y, Migita N and Nakao O</b> Fine structure of cellulose ...	320
<b>Kushner L M</b> See Hubbard W D ...	189
<b>Kusunose K and Odajima K</b> Comparison between dyeing mechanisms of cellulose acetate with disperse dyes and cellulose with direct dyes ...	600
<b>Kutepov D F and Reinshtein V E</b> Preparation of benzidine using aliphatic alcohols as reducing agents ...	314
<b>Kuwamura T, Nakamura Y and Negishi M</b> Treatment of silk fibres with diazomethane ...	219
<b>Kuwano S</b> See Kimura K ...	728
<b>Kuwata H</b> See Harada K ...	50, 52
<b>Kuyama S and Tamura T</b> Ceroasperin. Pigment of <i>Ceroasperina kikuchii</i> Matsumoto et Tomoyasu ...	196
<b>Kuz'mina Yu L and Spr'yakov A A</b> Equilibrium between toluenesulphonic acid and its acid chloride ...	430
<b>Kuznetsova L</b> See Berlin A ...	102
<b>Kuznetsova T V and Shpital'nyi A S</b> Alkylation of $\alpha$ -caprolactam and aliphatic diamines by catalytic dehydration ...	502
<b>Kuznetsova Z I</b> See Ivanov V I ...	109, 809
<b>Kvyat É I</b> See Glazburg O F ...	96



	PAGE		PAGE
Leja J and Little L H Infrared spectra of xanthate compounds	567	Loibl F See Graham R T	613
Lemin D R Continuous dyeing of wool with milling acid dyes ( <i>Lecture</i> )	746	Lomakina C G and Tolmachev V N Spectrophotometric investigation of sodium 1:3-dihydroxy-2-(2-hydroxyphenylazo)-3:6-naphthalenedisulphonate with magnesium ions	597
Lenihan J M A See Chalmers J G	704	Londat Aetz Fabric Co. Cyanoethylating cellulose textiles	808
Lenshina N Ya See Ermolenko I N	616	Londergan M C Titanium dioxide in polyvinyl acetate emulsion paints	606
Lentovskaya V A, Zakhar'evskaya I D and Zakhar'evskii M S Automation in vat dyeing	105	Long C T See Buu-Hoi Ng Ph	195
The limiting redox potentials of vat dyes in solution	730	Lorenz T See Giovannini E	434, 873
Leonard M A See Belcher R	327, 728	Lorincz A Crystallisation of indanthrone	611
Lermontov C A See Kenney R A	618	Los Angeles Paint & Varnish Production Club Colour correction of paint by tristimulus colorimetry	506
Leveau M Distribution of cystine between ortho- and para-cortex of wool	716	Loss R Condensation of urea-formaldehyde resins in cellulosic materials	68
Felting properties of wool and animal hairs	205	Penetrating power of synthetic resin precondensates into cellulosic fabrics	882
See Kassenbeck P	205	Lovelock J E and Nash T Colour reaction for non-ionic and amphoteric soaps	718
Lever Bias Machine Corp. Cloth folding machines	93	Lovin L G and Wenzell L P Technology of non-woven fabrics	63
Levey Co. F H Rapid setting printing inks	878	Lowden G F See Christie A A	446
Levi S M and Smirnov O K Effect of structure of surface-active substances on foaming capacity of aqueous gelatin solutions	785	Lowe Paper Co. Coated boxboard	617
Levin H See Diamond W J	447	Lucas F, Shaw J T B and Smith S G Amino-acid sequence in a fraction of fibroin	102
Levinson G S See Curtis W	51	Luck W Mode of action of non-ionic levelling agents ( <i>Symposium</i> )	221
Levkoev I I See Krasnova T V	433	Ludwig T E Bleed resistance of printing ink pigments	203
Levy L B See Dickerman S C	493	Luijten J G A See Hueck H J	476
Levy S and Ramirez F New class of azo dyes containing phosphorus	193	Lukashevich V O See Krolit L G	787
Lew R B Multicolour machine for printing fabrics	595	Lum F G See Carlston E F	71
Libbrecht A and Libbrecht P Jig	188	Lund E Theoretical aspects of chalking of titanium dioxide	438
Libbrecht P See Libbrecht A	188	Lund G V Cotton/rayon blends for resin-treated fabrics	720
Libek J and Nys J New reaction of formylmethylenic derivatives of nitrogen heterocycles. Structure of neocyanines	433	Lunze K Importance of atmospheric humidity in printing	322
Licencia Talalmanyokart Ertekisito Vallalat Apparatus for testing wear resistance of yarns	620	Luxembourg A M L de Water-repellent and/or flame-resistant finish	501
Licentia Patent-Verwaltung. Ensuring accurate registration in multi-colour printing	211	Lyle D S Cleaning of synthetic fur-pile fabrics	206
Lidman-Safwat S and Theander O Determination of carbonyl groups in modified celluloses. Comparison of borohydride and copper number methods	508	Lynes J T Work of a colourist in dyehouse laboratory ( <i>Lecture</i> )	542
Lievens G See Bovy R	879	Lyon H R See Coover H W	886
Limaye V R See Daruwalla E H	464	Lyons L E First-order calculation of factor group splittings in electronic spectra of durene, ovalene and phthalocyanine crystals	599
Linch A L See Konecki W B	728	Lyons & Co. J Moisture content meter	116
Lindberg B See Croon I	328, 444		
Lindgren C R See Kohan M I	617		
Lindlar H See Isler O	53		
Lindley H Elastic properties of chemically modified wools and their implications for theories of wool structure	319		
See Human J P E	319		
Lindsley C H See Barrett B J	328		
Lin'kova Z K, Mogilevskii E M and Nikol'seva V S Determination of degree of polymerisation of cellulose from viscosity data in benzyltriethylammonium hydroxide	731		
Linstead R P See Golden J H	662		
Liquorice W F See Fern A S	331		
Lishnevskaya L A and Zavel'skii D Z Coloured salts of acylamino-aryl-sulphonic acids with diazonium bases	873		
Reaction of diazo compounds with sulphamic acid	95, 597, 707		
Lisowski W Synthesis of naphthalene-1-sulphinic-7-sulphonic acid and naphthalene-1:7-disulphonic acid	192		
Lister G H Dyeing Acrilan and wool/Acrilan blends ( <i>Symposium</i> )	158		
Lister & Co. Pile fabrics simulating natural furs	506		
Little E L and Middleton W J Percyano-olefins as tetraacyanoethylene for producing tricyanovinyl dyes	598		
See Cairns T L	661		
Coffman D D	661		
Heckert R E	661		
Little L H See Leja J	567		
Litvinenko L M See Krasovitskii B M	95		
Litvyak G A and Rassudova N S Chromium titanate. A green pigment	197		
Livingston R See Fujimori E	434		
Ljungbo S O B Anti-laddering composition	786		
Lock L C See Anderson J R A	72		
Loeb L, Phillips F J and Segal L Application of fluorochemicals to cotton fabrics to obtain oil- and water-repellent surfaces	69		
See Clayton R L	614		
Lohani B K, Valentine L and Whewell C S Preparation and properties of wool containing polyacrylonitrile	807		
Lohman F H Spectrophotometric determination of carbonyl oxygen	728		

## M

MacAdam D L Analytical approximations for colour metric coefficients	74
Chromatic significance of spectrophotometric errors	113
„ and White W E Universal, digital tristimulus integrator	113
McCaldin D J See Johnson A W	52, 433
McCall E R See DuPré E F	114, 732
McCarthy J A Reducing textile waste problems by using starch substitutes	659
Maccioli I Chromatographic study of new dyes allowed by Food Authority for use in foods	729
McCormick W P Screen printing apparatus	784
McDavid H M R and Naismith W E F Complex between groundnut skin pigments and conarachin II	617
McDonald A W See Grant J N	324, 500
MacDonogh E E See Geminder J J	208
MacEwan T H See Cameron A	104, 498
Giles C H	801
McGeer E G See Cairns T L	661
McGlynn S P and Simpson W T Application of Pariser and Parr method to dye ions with amidium resonance	661
McGowan J C and Page F M Action of sodium sulphite on Stenhouse dyes	194
McGregor I A Colour in plastic surgery	620
McHattie L E See Goodings A C	63
MacNeill G Protecting oxidised cellulose fibres from alkali attack	884
„ and Richards G N Stabilisation of cellulose towards alkaline degradation	444
„ „ and Sephton H H Alkaline degradation of polysaccharides	103
Mackay B H See Downes J G	498
McKiernan-Terry Corp. Open-side multiple-roll calendar	870
McKusick B C See Cairns T L	661
McLaren K Assessment of weathering fastness ( <i>FTCO sponsored publication</i> )	759
Errors in assessment of colour fastness ( <i>Correspondence</i> )	421

	PAGE		PAGE
McLaughlin R R Covalently bound azo dyes ( <i>Correspondence</i> )	857	Marsh P B Microscopic observations on enzymatic degradation of cotton fibres	318
McLeavy G See Barr T	68	See Butler M L	606
Macmillan W G Research in chemistry of jute cellulose	204	Marshall T J See Gardner G H F	609
See Basu S N	69	Marten J and Speakman J B Action of heat on wool	68
Bhattacharjee H P	439	Martin E C See Anderson J R A	72
Dutt A S	439	Martin G Modern inks and coated paper	878
McNabb W See Andas F G	188	Progress in printing inks	878
McNamara E J Practical aspects of neutral grease-wool scouring	206	Marton E, Ruzsnák I, Sello I and Szoke G Phthalocyanine pigments and sulphonated derivatives	195
McNicholl J Iron oxide pigment	715	Maruyama T See Konishi K	660
McPhee J R Reaction of formaldehyde with wool and its effect on digestion by insects	672	Marziano N See Farina E	787
Toxicity of lithium salts to keratin-digesting insect larvae	443	Maschinenfabrik Ruti Sizing machines with one-way air driers	188
McRae E G See Kaspa M	711	Masley A S See Heyman H	879
MacRae T P See Fraser R D B	64, 102, 319	Mason S G See Goring D A I	675
Madaras G W Water-repellent finishes—Modern use of silicones	835	Kouris M	674
Madorsky S L See Hart V E	721	Mataga N Polymerisation of dyes in solution	104
Magalhães M T See Gottlieb O R	728	Matei I See Cocea E	872
Magie W A Printing ink	439	Matell M Quantitative determination of cyclohexylamine in rayon spin baths	328
Mahapatra G N Azo and mercurated azo derivatives of 2-aminothiazoles	559	Mateson J F Formaldehyde fumes from resin-treated fabrics in retail stores	614
„ and Rout M K Preparation of 2-arylamino-4-(2'-thienyl)-thiazoles and their azo and mercurated derivatives	315	Mathur M S and Tilak B D Disperse dyes from 2:2-Dichloro-1:4-naphthoquinone and chloranil	700
Maier H-P Red-Green test for cotton	323	Matijevic H and Pethica B A Heats of micelle formation of sodium dodecyl sulphate	563
Malfoss Ingrain or mélange effects in wool dyeing	504	Matrka M See Filipi J	729
Malmind V I, Shemyakin M M and Valchunaitis B K Mechanism of formation of azoxybenzene	492	Hanousek V	811
„ See Gomes E	95	Matsui K See Kikuchi H	98
Major H M and Sharples A Constants in intrinsic viscosity—molecular weight equation	502	Matsubayashi K and Tanabe K Acetylation of polyvinyl alcohol fibres with hydroxyaromatic aldehydes	322
Majzner J and Mazurek J Azoic dyeing of nylon	321	Matsumoto I See Ishikawa K	320
„ See Brzezinski J	671	Matsunaga Y Diamagnetic susceptibilities of azo derivatives of 2-naphthol	95
Makarova L J and Matveeva M K Decomposition of phenyl-diazonium borofluoride in acetophenone in presence of esters of benzene sulphonic acid	786	See Akamatsu H	195
Maki Y See Inukai K	788	Matsuyama M See Fujita K	888
Maksimovic Z See Bojanovic J	54	Matthews J Progress in tinplate lithography	881
Makuch E W and Skinkle J H Influence of dye structure on rate of wool dyeing	803	Matthies H G See Beecken H	559
Malcolm B R See Elliott A	215	Matveeva M K See Makarova L J	786
Malm C J See Barkley K T	566	Mauri F C Shrinkproofing treatments	68, 325
Herzog H M	723	Maurice M J Determination of sulphur and its compounds in rayon	447
Maltenfort G C and Whitener E K Instruments for brightness measurements	730	Maurice P See Cohen S	209
Paperboard and ink colour measurements	730	May K and Rothe O Estimation of resin distribution in textiles	74
Malytsev N D See Agapova O I	498	Mazinbus G, Outreman P and Overbake M van Modification of wool serge during piece dyeing	105
Malygina N I and Vertyulina L N Reduction of nitrophenols at multiple dropping mercury cathode	558	„ See Decroix G	812
Manabe O See Iiyama H	710	Desprets P	721
Manchester F Behaviour of reactive dyes on wool ( <i>Correspondence</i> )	421	Mazurek J See Majzner J	321
Manley R St. Dimethyl sulphoxide as solvent for cellulose ethers	445	Mazzeno L W See Kullman R M H	808
Mann J and Marrinan H J Polarised infrared spectra of cellulose I	501	Markezich A R	211
Manson D See Boyland E	192	Medley J A Diffusion of acid ions in keratin	63
Marbet R See Isler O	53	Mees C E K Cyanine sensitising dyes	559
Marchington & Co. T E Colouring acetate fibres	208	Mehlretter C L and Wise C S Colorimetric determination of dialdehyde content of periodate-oxidising starch	730
Marcán R S See Delina J M P	218	Meier H Influence of gases on photoeffect of organic dyes	76
Marek B S Assessment of wash-and-wear characteristics of fabrics	732	Meier-Windhorst A Physical and thermodynamic aspects of drying and steaming textiles	323
Marenets M S and Yagupol'skii L M Fluorine-containing derivatives of dimethylaminoazobenzene	95	Meissner E See Herrmann E	789
Margulies S Identification and analysis of natural gums by paper chromatography and electrophoresis	217	Melander L W Lithium carbonate for removing smell of urine	801
„ and Schutz R Effect of yarn tension in sizing	720	Meldrum K and Ward J S Aspects of dyeing acrylic fibres with reference to pack-dyeing of Courtelle ( <i>Symposium</i> )	140
Removal of alginate-based sizes	440	Melbin B New aspects of pad-roll system	187
Margulies Y Y Application of acrylic coatings to leather	567	Mc'nikov B N and Mor'ganov P V State of direct dyes in solution and their diffusion into a Cellophane membrane	609
Marian D Neutrogenic azoic dyes in printing	805	Mc'nikov P A New fabric-dyeing machine	708
Maricq J, Offner A and Surmatz J D Synthesis of carotene homologues	789	Meminov E K and Voronkov M G Waterproofing leather with organo-silicon compounds	445
Marini-Bettolo G B See Ballio A	493	Menkart J See Coe A B	607
Casinovi C G	712	Menke M Measurement of crease-recovery angle	732
Markezich A R, Mazzeno L W, Reid J D and Reinhardt R M Aftermercerisation of cotton fabrics treated with methylolmelamine resin	211	Menschel G Device to facilitate penetration of compact samples	870
Marrinan H J See Mann J	501	Mercer E H Fine structure of keratin	319
Marriott J Electron microscope in surface-coating industry	606	Merola G V See Butler M L	606
Marsh J T Theoretical and practical aspects of resins for crease-resistance	68	Merrifield R E and Phillips W D Spectroscopic studies of molecular complexes of tetracyanoethylene	661
		Messer A S Dyeing Zefran and blends containing Zefran	612
		Messik K See Bonkáló T	211
		Metal Box Co. High-speed roller coating machine	98

	PAGE		PAGE
<b>Metal &amp; Thermit Corp.</b> Organotin compounds as stabilisers		<b>Mogilevskii E M</b> See Finger G G	716
for vinyl halide resins	676	Knunyants I L	109
Slime control in paper manufacture	724	Lin'kova Z K	731
<b>Metelkina E M</b> See Goland N I	564	<b>Mogilyanskii Ya D</b> and <b>Teren'tev A P</b> Preparation of azo	
<b>Metitskaya R A</b> Determination of constants of aqueous		compounds from primary aromatic amines	872
pigment colours for leather	71	<b>Mohanna S</b> See Goldstein H	872
„ and <b>Zeldes A I</b> Inorganic pigments for colouring leather	445	<b>Mohasco Industries</b> Aluminium phosphate for imparting	
<b>Meyer H</b> Wool scouring	800	soil-resistance to textiles	566
<b>Mezera</b> Continuous open-width treatment of fabric	557	Dyeing patterns on warps	719
<b>Middleton W E K</b> and <b>Wyszecki G</b> Colours produced by		Fabric having a coiled or cockled pile	723
reflection at grazing incidence from rough surfaces	506	Soil-resistant pile fabric	213, 809
<b>Middleton W J</b> See Cairns T L	661	<b>Mohler E F</b> See Jacob L N	111
Coffman D D	661	<b>Mollet J L</b> Role of surface-active agents, for dispersing solids	
Engelhardt V A	661	in liquid media	799
Heckert R E	661	<b>Monceaux R H</b> Vitaminised cloth	673
Little E L	598	<b>Monforts A</b> Controlling tension of fabrics in raising machines	659
<b>Midland Chemical Corp.</b> Organic silicate compounds as		Raising machine	49
driers for paints, etc.	660	<b>Monheim J</b> Development and properties of blends of polyester	
<b>Midland Silicones</b>		and other fibres	799
Applying siloxanes to fabrics	883	<b>Monsanto Chemical Co.</b>	
Coating compositions yielding a hammer finish	878	Acidic sizes	705
Oil (organosiloxane)-in-water emulsions	557	Cellulosic solutions containing flame retardant agents	799
Organosilicone emulsions as textile finishes	314	Durable or stiffened crease-resistant finish	443
Water-repellent finish	883	Dyeing polyacrylonitrile fibres	107
<b>Miethe E</b> and <b>Zanker V</b> Spectroscopically demonstrable		Pearlescent polystyrene	885
electron states of stable and metastable molecules of		Permanent sizing of coloured cellulose acetate warps	672
acridine dyes and fluorescent cations	195	Resin finish having no tendency to absorb chlorine	721
<b>Migita N</b> See Kuroawa Y	326	Size for cellulose warps	704
<b>Miguno M</b> , <b>Nagata A</b> , <b>Nemoto Y</b> and <b>Tajimi H</b> Dyeing		Size for nylon	705
assistant for chrome-complex dyes	65	Sized paper	724
<b>Mihailovic M L J</b> See Bojanovic J	54	Stiff and flame-resistant finish for nylon	615
<b>Mihalik B</b> Sample-dyeing device	73	Water-repellent finish	673
„ and <b>Peter F</b> Laboratory micro-dyeing apparatus	219, 447	<b>Montavon M</b> See Chopard-dit-Jean L H	53
„ See Asbóth T	219, 798	Gutmann H	53
<b>Mikhailenko P I</b> Dyeing protein fibres with nitroso dyes		Isler O	53, 196, 663
formed on the fibre	718	<b>Montecatini Società Generale per l'Industria Mineraria</b>	
<b>Mikhailov N V</b> and <b>Serebryakova Z G</b> Structure of hydrated		e Chimica Scouring flax or hemp	717
cellulose fibres	496	<b>Monteiro B</b> Raising wools	720
„ See Gorbacheva V O	668	<b>Montequi R</b> See Doadrio A	203
<b>Mikhailova I A</b> See Efremova L N	53	<b>Moore A T</b> , <b>Porter B R</b> , <b>Rollins M L</b> and <b>Tripp V W</b> Distri-	
<b>Miller N S C</b> Finishes for heating appliances. Epoxide paint		bution of dry soil on cotton surface	800
and vitreous enamel compared	101	„ <b>Rollins M L</b> and <b>Tripp V W</b> Surface of cotton fibres	102
<b>Miller C D</b> Action of ultraviolet-screening agents in organic		<b>Moore C E</b> N.P.I.R.I. standard test methods for pigment	
coatings	797	identification	328
<b>Miller M L</b> Graft and block polymers	445, 446	<b>Moore H B</b> See Kullman R M H	808
<b>Miller O E</b> and <b>Sant A J</b> Instrument for selecting visually		<b>Moore J E</b> and <b>O'Connell R A</b> Properties of wool modified	
neutral photographic dye images	507	with difunctional isocyanates	324
Portable telescopic visual colorimeter	887	<b>Moore W H</b> See Dickey J B	123
<b>Millet J</b> See Barut J	102	<b>Moore W R</b> Swelling and solution of synthetic fibre-forming	
<b>Millson H E</b> Microscopic studies with the high temperature		polar polymers in liquids	110
pressurised Microscope	801	„ and <b>Tidwell B M</b> Thermodynamic properties of dilute	
<b>Mine T</b> See Fujita K	888	solutions of cellulose acetate	502
<b>Minekawa K</b> , <b>Nishida K</b> and <b>Uedaira H</b> Effect of non-ionic		Thermodynamic properties of dilute solutions of cellulose	
detergent on direct dyeings	669	derivatives	723
<b>Minnesota Mining &amp; Manufacturing Co.</b> Chromium co-		<b>Moore Fabrics</b> Permanently embossed elastic webbing	213
ordination complexes as water repellent agents	871	<b>Morgan R S</b> See Bear R S	508
Polyester films receptive of printing inks, coating		<b>Morita Y</b> See Hayakawa E	675, 724
compositions, etc.	618	<b>Móritz P</b> See Bitskey J	676
Protective films having a bright reflective metallic lustre	216	<b>Moriwaki S</b> See Hiyama H	710
<b>Mitcham D</b> , <b>O'Connor R T</b> and <b>Pré E F Du</b> Applications of		<b>Morley-Smith C T</b> Zinc oxide. A reactive pigment	438
infrared absorption spectroscopy to investigations of		<b>Morozov A A</b> Improved colour effects on satins	498
cotton	667	<b>Morrall D L</b> Lime-zeolite treatment of water ( <i>Correspondence</i> )	80
<b>Mitchell J W</b> Nature of photographic sensitivity	209	<b>Morris R H</b> Preparation of colour-wedged film samples for	
<b>Mitchell R L</b> See Alexander W J	114	neutral selector	730
<b>Mitchell T</b> See Feughelman M	798	<b>Morrison J L</b> See Hanlan J F	798
<b>Mitoguchi H</b> See Harada K	50	<b>Morrow W L</b> See Flynn J H	616
<b>Mitra S N</b> and <b>Roy S C</b> Detection of Metanil Yellow in		<b>Morton D S</b> Continuous manufacture of sodium hypochlorite	801
pulses dal	75	<b>Morfganov P V</b> See Mel'nikov B N	609
<b>Mitsubishi Rayon Co.</b> Silicon-containing antistatic com-		<b>Mosolova É D</b> , <b>Nesazonova G D</b> and <b>Turkovskaya D V</b>	
position	190	Determination of silicon in textile materials	507
<b>Mitton P</b> Mathematical analysis of precision in determining		<b>Moučka V</b> and <b>Parizek R</b> Azo dyes from luminol	873
hiding power	505	<b>Mougeot P</b> Modern views on problem of colour tolerances	730
<b>Mitton R G</b> and <b>Pomeroy C D</b> Wettability of chrome-tanned		<b>Mower H F</b> See Cairns T L	661
leather	445	<b>Moye A J</b> See Fritz J S	504
<b>Miyake A</b> Polymorphism of bis- $\beta$ -hydroxyethyl terephthalates	110	<b>Mozgova K K</b> See Korshak V V	111, 810
<b>Miyasaka U</b> and <b>Shimizu T</b> Diffusion of acid dyes in polyamide		<b>Mueller E R</b> See Brand B G	438
fibre	208, 499	<b>Mukherji A K</b> See Dey A K	54
<b>Miyazaki I</b> See Kikuchi H	93	<b>Mukoyama S</b> and <b>Tsuda Y</b> Relationship of experimentally	
<b>Miyazaki K</b> and <b>Oi N</b> Quantitative analyses of chloronitro-		evaluated lateral-order distribution to skin-core effect	
benzene isomers and chlorodinitrobenzene isomers	446	of viscose rayon	319
		<b>Müller H G</b> Attack of molecular oxygen on alkali cellulose	444



	PAGE		PAGE
Müller J Application of solubilised sulphur dyes ... ..	802	National Starch Products Emulsion paints compounded from internally plasticised resins ... ..	667
Reservation of cellulose triacetate mixed with cotton during vat dyeing... ..	718	Permanently flexible floor coverings ... ..	727
Mulley B A Synthesis of polyoxyethylene glycol monohexyl ethers ... ..	659	Sizing acrylic yarns ... ..	615
Munk F Hiding power of white pigments ... ..	62	Natta G Isotactic and stereoisomeric polymers ... ..	110
Munte S L See Abramova E A ... ..	502	Naujoks E See Dithmar K ... ..	440
Mur V I Simultaneous dealkylation and chelation of copper with o-hydroxy-o'-alkoxyazo compounds ... ..	706	Navrátil F See Filipi J ... ..	729
Murakoshi I See Haginiwa J ... ..	787	Nazarov S S See Frenkel I B ... ..	497
Muramoto Y, Sugano T, Suzuki S and Ueno M Determination of nitro compounds with titanium ... ..	446	Neale S M See Chadwick S ... ..	564
Murata K See Harada K ... ..	50, 52	Neary J P and Thomas R J Dyeing Orion with cationic dyes ... ..	66
Murphy A L See Goldthwait C F ... ..	505, 613	Nederlandse Organisatie voor Toegepast-natuurwetenschappelijk Examining capacity of human beings to discriminate between light of different intensity and colour ... ..	116
Murray Curvex Printing Printing or decorating ceramics, plastics, glass, etc. ... ..	805	Negishi M See Kuwamura T ... ..	212
Murtfeld O Aniline finish leather ... ..	810	Nehrer M B See Gallagher N D ... ..	115
Mushil R Ya and Pamfirov A V Effect of acidity of initial solution on light fastness of lead chromate ... ..	55	Neilson M L Fire-resistant treatment of cotton with phosphorylamide ... ..	324
Muschoff H Levelling problems in vat dyeing ... ..	105	Nelson R C Energy transfers between crystals and adsorbed dyes. Desensitisation ... ..	499
Muscheel E Application and action of Solidagel GL when dyeing with Indanthren dyes ... ..	802	Nemerow N L Dispersed-growth aeration of cotton-finishing waste. Effect of high pH and lowered air rate... ..	784
Musso H See Becken H ... ..	559, 712	„ and Wilson W L Colour removal from azo dye wastes ... ..	189
Mustea I Fixation of casein coatings by gaseous formaldehyde ... ..	215	Nemetschek T See Kling W ... ..	797
Muskrat K Afterchroming acid chrome dyes on wool ... ..	803	Nemodruk A A Preparation of 3-diazosalicylic acid ... ..	707
Felt printing... ..	209	Nemoto Y See Inai T ... ..	804
Muth B R See Kiss Á I ... ..	662	Migumo M ... ..	65
Muzik F New syntheses and reactions of triazolobenzenes ... ..	51	Nessonova G D See Mosolova E D ... ..	507
Muzychenko L A and Portnov M A Determination of p-nitrochlorobenzene in o-nitrochlorobenzene ... ..	504	Nestelberger F Problems of wash-and-wear finishing ... ..	324
Myagkov V A and Pakshver A B Quantitative determination of end-groups in polycaprolactam ... ..	73	Neuwirth H See Enders H ... ..	443
Myers A See Belford D S ... ..	674	Neveil T P Affinity of nitrogen dioxide oxycelluloses and periodate oxycelluloses for methanol ... ..	567
<b>N</b>			
Nagata A See Migumo M ... ..	65	Mechanism of oxidation of cellulose by periodate ... ..	214
Nalsmith W E F See Cater C W ... ..	445	See Davidson G F ... ..	70
McDavid H M R ... ..	617	New York Paint and Varnish Production Club Phthalocyanine Blue ... ..	100
Nakagaki M See Hiayama H ... ..	789	Newbold B T See Gagnon P E ... ..	326, 507, 567, 568
Nakamura N Acetylation of polyvinyl alcohol ... ..	325, 672	Newell I L and Walea E A Black oxide coatings on steel and iron ... ..	888
Nakamura Y Triphenylmethane dyes from phenol and dihydroxydiphenylmethane ... ..	787	Newhall S M See Burnham R W ... ..	74, 506
See Kuwamura T ... ..	212	Newman S Cold drawing polyethylene terephthalate ... ..	497
Nakao O See Kurosawa Y ... ..	326	Newton D S Zinc dust in anti-corrosive paints ... ..	53
Nash T Phase relations and specific salt effects in soap solutions ... ..	704	Zinc tetroxychromate in priming paints ... ..	53
See Lovelock J E ... ..	718	Newton J E See Davis C A ... ..	557
National Cash Register Co. ... ..	200	Newton Chambers & Co. Stable acid emulsion by use of anionic surface-active agents ... ..	49
Derivatives of leuco Auramine ... ..	500	Nickerson D Horticultural colour chart names with Munsell key ... ..	113
10-(Halo-benzoyl)-3:7-bis(dimethylamino)phenothiazines for use in copy printing ... ..	603	„ and Tomaszewski J J Colour change in raw cotton related to conditions of storage ... ..	795
Halogen derivatives of leuco-Methylene Blue ... ..	200	Sugar, pH, and strength changes in cotton during storage ... ..	797
10-(1' or 2'-Naphthoyl)-3:7-bis(dimethylamino)-phenothiazine and 10-(3- or 4-nitrobenzoyl)-3:7-bis(dimethylamino)phenothiazine ... ..	494	Nicoara E See Bodea C ... ..	874
Naphthoyl leuco-Methylene Blue as coatings for manifold copy sheets ... ..	494	Niederhauser J P See Khachoyan J ... ..	133
Nitro-derivatives of benzoyl leuco-Methylene Blue transfer coatings for manifold copy sheets ... ..	500	Nieuwenhuis K J and Tan K H Action of sodium carboxymethylcellulose in washing baths ... ..	800
National Cylinder Gas Co. Rotproofing cellulosic materials... ..	213	Nikiforova V N and Sokolovskii A L Decomposition products of sugars and their influence on caramel... ..	434
Rotproofing with copper formate ... ..	727	Nikolaeva N S See Knunyants I L ... ..	109
National Lead Co. ... ..	877	Lin'kova Z K ... ..	731
Basic organic salts of cadmium as stabilisers for vinyl halide resins ... ..	877	Nikol'skii B P and Pal'chevskii V V State of redox indicators in solution ... ..	96
Coloured pigment for camouflage coating compositions ... ..	727	Nilsson B See Köpke V ... ..	73, 89
Composite lead phosphate-lead silicate pigments... ..	877	Nimeroff I Propagation of errors in tristimulus colorimetry ... ..	113
Composite rutile titanium dioxide ... ..	727	Nishida K and Sugiyama I Dyeing properties of Congo Red and concentrated Benoxpurpurine 4BKX ... ..	609
Flushing polyvinyl chloride stabilisers ... ..	676	„ See Minekawa K ... ..	689
Heat-stable organic cadmium salts as stabilisers for vinyl resin compositions ... ..	672	Nishida T and Takahama S Analysis of surface-active agents by ion-exchange method. Rapid semimicro method for determination of anionics in presence of non-ionics ... ..	886
Improving penetration of cellulosic fibres by dyes or finishes ... ..	877	Nishino J See Korishi K ... ..	660
Non-chalking anatase titanium dioxide ... ..	557	Nishio M Sorption of monobasic dye acid by 6-nylon fibre ... ..	105
Organic titanium compositions of good stability to alkali ... ..	705	Nishihara A See Konishi K ... ..	787
Textile lubricant ... ..	100	Nissen A H See Kaye W G ... ..	68
Titanium dioxide. Alkaline earth metal sulphate pigments ... ..	191	Nitschke G Dyeing coarse medulla-containing fibres in wool blends ... ..	65
Titanium and zirconium organic compounds soluble in both water and organic solvents ... ..	100	Nitta I, Osaki K and Watake H Crystal structure of monoclinic form of naphtharin ... ..	96
Water-dispersible titanium dioxide ... ..	797	Noberasco M Artificial fibre sheeting as paper substitute ... ..	213
National Research Development Corps. Aluminium paints ... ..	809	Nobs H See Geiger E ... ..	874
		Noda T Synthetic mica and synthetic asbestos... ..	

	PAGE		PAGE
Noether H D Synthesis, structure and evaluation of polymethylene sulphone fibre ... ..	790	Ono Y Maturity of cotton fibre for spinning. Differential dyeing method ... ..	328
" Riley J L and Sprague B S Factors influencing crystal structure of cellulose triacetate ... ..	675	" and Satō K Maturity of cotton fibre for cotton spinning ... ..	667
Noha H See Geiger E ... ..	74	Onogi S See Horio M ... ..	674
Nomura S and Tanabe K Colouring Vinyon ( <i>Symposium</i> ) ... ..	350	Onrust H Determination of small amounts of mercury in synthetic food dyes ... ..	812
Nopco Chemical Co. Spinning lubricant for wool ... ..	871	Onyx Oil & Chemical Co. Alkoxyethylene quaternary ammonium compositions for improving dimensional stability of regenerated cellulose textiles ... ..	659
Northwestern Paint & Varnish Production Club Extender pigments in blister-resistant house paints ... ..	495	Imparting improved dyeing properties and anti-static finish to hydrophobic textiles ... ..	672
Northwestern Research Corp'n. Hair-setting compositions ... ..	326	Oosawa F Aggregations of charged macromolecules ... ..	110
Norton J E Colour fastness to light testing in Fade-Ometer ... ..	220	Ooshika Y Light absorption of dyes in solution ... ..	506
Norwick B See Bierig E ... ..	113	Opanasenko E P and Pilyugin G T Cyclisation of secondary aromatic amines with vinyl ethers to give arylquin-aldines ... ..	96
Novacolor Reprint Co. Accelerator for colour developer solutions ... ..	613	" " and Shinkorenko S V Synthesis of <i>N</i> -aryl-2- $\beta$ -anilinoquinolinolyl derivatives ... ..	788
Novodershkin P I Light reflection in visible and ultraviolet range of bleached knitted fabrics ... ..	887	" " and Tavetkova N A Synthesis and reactions of alkoxy derivatives of quaternary salts of benzoquinoline ... ..	96
Nowacki J Wool industry effluent ... ..	189	Opler A and Yeaman M D Calculation of C.I.E. coordinates of colour tolerance ellipsoids ... ..	73
Nowak L Lead cyanamide ... ..	663	Orr R S See Burgis A W ... ..	323
Nussale A C Chlorine retention and chlorine damage of resin-treated fabrics ... ..	807	Conrad C M ... ..	667
Nursten H E Assessment of colour fastness of leathers ... ..	730	Grant J N ... ..	324
Nutt W O Modern finishes for leather ... ..	109	Orszagh M Rapid method for detecting viscose rayon yarns mixed with cotton warp yarns ... ..	219
Nutten A J See Belcher B ... ..	727	Osaki K See Nitta I ... ..	96
N.V. de Bataafsche Petroleum Increasing affinity of synthetic fibres for dyes ... ..	66	Oskorbina N A and Sadov F I Humidification of cotton prior to steaming ... ..	499
Paper having improved wet strength ... ..	502	Printing cotton with vat dyes ... ..	805
Water-in-oil emulsions ... ..	190	Oster G and Taniyama M Dye-sensitised photopolymerisation of acrylonitrilevinyl acetate copolymers ... ..	327
N.V. Nederlandsche Schoen-en Lederfabrieken Bata-Best Drying leather ... ..	557	" and Wotherspoon N Photoreduction of Methylene Blue by ethylenediaminetetraacetic acid ... ..	51
N.V. Onderzoekingsinstituut Research Antistatic finish ... ..	500	Östring B See Kajanne P ... ..	673
Heating continuously moving threads ... ..	313	Ostrovskaya B I See Krasovitskii B M ... ..	95
N.V. Ver- en Vernis-fabriek W Paulussen Paints, lacquers and coating compositions ... ..	667	O'Sullivan D J See Lefebvre E ... ..	671
Nychka H R See Carlson E J ... ..	506	O'Sullivan J F See Barry V C ... ..	432
Nys J See Libeck J ... ..	433	Oswald L and Zilahy M Properties and utilisation of partly acetylated cotton ... ..	204
<b>O</b>			
Obeith A E See Brünner R ... ..	67	Oteleanu R See Constantinesco D G ... ..	218
Ochsenfeld V See Jonge J De ... ..	53	Outreman P See Mazingue G ... ..	105
O'Connell R A and Pardo C E Prevention of wool fabric shrinkage with polyamide-epoxide resin finishes ... ..	806	Ovchinnikova E A See Efremova L N ... ..	53
" and Walden M K Influence of ionising radiations on wool fibre properties ... ..	102	Overbake M Van Applications of chromatography in wool research ... ..	730
" See Moore J E ... ..	324	See Desprets P ... ..	721
O'Connor A See Keller A ... ..	215	Mazingue G ... ..	105
O'Connor R T See DuPré E F ... ..	114	Overcreek J C See Kerk G J M van der ... ..	55
Mitcham D ... ..	667	Owen W R See Cooke R G ... ..	430
Odajima K See Kusunose K ... ..	669	Owens-Corning Fiberglass Corp'n. Rendering glass fibre fabrics readily cleansable ... ..	108
Odor G See Fritzsche E ... ..	668	Owens-Illinois Glass Co. Organic ink for use on glass or ceramics ... ..	878
Offner A See Maricq J ... ..	759	Oxford Paper Co. Auto-copy paper ... ..	327
Ogarev N V and Zozulin N A Oxidation of litharge in fluidised layer ... ..	196	<b>P</b>	
Ol N See Miyazaki K ... ..	446	Pacific Mills Increasing affinity of acrylic fibres for acid dyes ... ..	612
Oil and Colour Chemists' Association Use of B.S.1006 standards in paint industry ... ..	111	Pacsu E and Schwenker R F Chemically modifying cellulose for flame resistance ... ..	565
Okabe H and Sonoike S Cyanine dyes on silver iodide, bromide and chloride ... ..	194	Page E See Costelloe P ... ..	878
Okajima S See Ikeda S ... ..	212	Page F M See McGowan J C ... ..	194
Kikuchi K ... ..	563	Pakhomov A M See Andrievskaya E A ... ..	501
Okawa T, Suzuki K and Yokote M Synthesis of pink vat dye 5:8-dibenzamido-1-aza-anthraquinone ... ..	599	Pakhshver A B and Pokrovskii L I Changes of intermolecular structure of Capron on heating ... ..	608
Oksengendler G M See Gerasimenko Yu E ... ..	434	" See Břkov A N ... ..	608
Oldsberg L and Samuelson O Viscosity measurements on dilute cellulose xanthate solutions ... ..	214	Finger G G ... ..	716
Olin Mathieson Chemical Corp'n. Coating with metallic silver ... ..	879	Kharitonova V P ... ..	675
Laundry bleach ... ..	50	Myagkov V A ... ..	73
Unsymmetrical dimethylhydrazine for preventing paints skinning during storage ... ..	716	Pal P N See Basu S N ... ..	69
Oliver J R See Jonassen H B ... ..	597	Pal'chevskii V V See Nikol'skii B P ... ..	96
Oliver P H See Guthrie J C ... ..	104	Palea R and Reichel I Direct Khaki RP, new benzidine-pyrazolone dye ... ..	598
Ollangier M Influence of capillary forces on swelling of fibres ... ..	879	Yellow components and use of benzidine group as separating components in synthesis of azo dyes ... ..	193, 598
Olszewski S Theory of absorption spectra of symmetrical cyanine dyes and polyenes ... ..	54	" See Gruescu G ... ..	710
O'Meara D and Richards G N Alkaline degradation of periodate-oxidised polysaccharides ... ..	501	Palmer H J Equilibria on nylon of anionic dyes based on $\alpha$ -naphthylamine $\rightarrow$ $\beta$ -naphthol ... ..	611
Monosaccharide analogues of periodate oxyacetylose ... ..	501	Pamfilov A V See Mushil R Ya ... ..	55
Onishi H Fluorometric determination of thallium with Rhodamine B ... ..	327	Pandit P N See Bradley W ... ..	72
Photometric determination of thallium with Rhodamine B ... ..	217		

	PAGE		PAGE
<b>Papadakis S</b> Colour photography by subtractive three-colour process ...	613	<b>Peters L and Sims D</b> Titration of mixtures of acids ...	116
<b>Paper Converting Machine Co.</b> Web winding machine ...	557	„ and <b>Stevens C B</b> Effect of solvents in dyeing ( <i>Correspondence</i> ) ...	183
<b>Paramount Textile Machinery Co.</b> Applying hosiery transfers ...	93	„ See <b>Gokhale M K.</b> ...	236
<b>Pardabice-Ryblívi J</b> See <b>Dvořák J</b> ...	788	<b>Peters R H</b> See <b>Atherton E</b> ...	242
<b>Pardane O Y</b> See <b>Landra E K</b> ...	559	<b>Peterson R G</b> See <b>Joslyn M A</b> ...	790
<b>Pardo C E</b> See <b>O'Connell R A</b> ...	806	<b>Pethica B A</b> See <b>Matijevic H</b> ...	563
<b>Páris L</b> See <b>Brugger F</b> ...	675	<b>Petrochemicals</b> Emulsion gloss paints ...	318
<b>Parisot A</b> Application of fatty acids in textile industries ...	49	<b>Petropavlovskii G A and Vasil'eva G G</b> Sodium carboxymethylcellulose of low degree of substitution as a finish for textiles ...	502
„ See <b>Champetier G</b> ...	109	<b>Petrova V F</b> See <b>Frunze T M</b> ...	617
„ <b>Fresco A</b> ...	103	<b>Petrushkina Z L</b> Sorption of optical sensitizers on silver bromide ...	200
„ <b>Leiber D</b> ...	717	<b>Petzel F E</b> Water absorption and drying of cotton and linen towelling ...	800
<b>Parizek R</b> See <b>Mouška V</b> ...	873	<b>Petzelbauer L</b> See <b>Broda E</b> ...	707
<b>Parizs L</b> See <b>Brugger F</b> ...	220	<b>Pfeiderer H</b> Cadmium Vermilion, new class of pigments ...	668
<b>Parker C A</b> Photoreduction of Methylene Blue and Thionine by ferrous sulphate using flash irradiation ...	873	<b>Pfenniger F and Ulrich B</b> Reduction times of Cibacron dyes ...	880
<b>Parker D H</b> Hiding power and colour measurement ...	505	<b>Phifer L H</b> Flame-photometric determination of calcium in cellulose ...	448
<b>Parker F J</b> Unlevel dyeing in wool velour cloth ( <i>Communication</i> ) ...	693	<b>Phifer L H</b> See <b>Dux J F</b> ...	507
<b>Parker G H</b> See <b>Bricker C E</b> ...	446	<b>Philadelphia Paint and Varnish Production Club</b> Colour stability of red iron oxide pigments ...	97
<b>Parker M F</b> See <b>Bacon O C</b> ...	220	„ Selection of optimum source of artificial illumination for matching colours ...	115
<b>Parker R A</b> See <b>Hubbard W D</b> ...	189	<b>Phillip B and Wronski M</b> Titration of hydrogen sulphide and sulphides with organic mercury compounds ...	507
<b>Parolla E A</b> See <b>Draves C Z</b> ...	189	<b>Phillips F J</b> See <b>Clayton R L</b> ...	614
<b>Parthasarathy N V and Sanghi I</b> Technique for calibration of wave-length scale of spectrophotometers ...	888	„ <b>Loeb L</b> ...	69
<b>Parfysheva M V</b> Compilation of recipes for dyeing cloth ...	498	<b>Phillips J N F</b> Pad-jig system of applying vat dyes to linen cloth ( <i>Communication</i> ) ...	180
<b>Parysnki A G</b> Charge and deformation of protein molecules ...	726	<b>Phillips W D</b> See <b>Merrifield R E.</b> ...	661
„ and <b>Tongur A M</b> Periodic deformation of collagen in solutions of electrolytes and tanning agents ...	617	<b>Phillips Petroleum Co.</b> ...	
<b>Pataki A and Rusznák I</b> Action of nitrous acid on proteins ...	498	„ Carbon black ...	62, 557, 605, 703
<b>Patent &amp; Licensing Corpn.</b> Coating flexible webs ...	784	„ Carbon black furnaces ...	188
„ Moisture-proof paper and paperboard ...	884	„ Cellulose acetate containing vinylpyridines as gas flame fading inhibitors ...	206
„ Solid emulsifying agents ...	871	„ Furnace black ...	405
<b>Patenthandels</b> Drying fibres obtained by chemical retting ...	703	„ Pelleting carbon black ...	703
<b>Patnaik B K and Rout M K</b> <i>merocyanines</i> ...	315	„ Separation and recovery of carbon black from gaseous suspensions ...	557
„ Photographic sensitizers. <i>merocyanines</i> ...	315	„ Slurries of furnace black ...	605
<b>Patrikeev G A</b> Mechanics of polymer molecules ...	810	<b>Piaskowska H</b> Milling of beaten and woven felts ...	206
<b>Patterson D and Ward I M</b> Measurement of molecular orientation in filaments of polyethylene terephthalate using dichroic dyes ...	116	<b>Pick G</b> See <b>Brünner R</b> ...	67
„ See <b>Bakker E</b> ...	168	<b>Pickford R W</b> Colour vision of Achromats' parents ...	115
<b>Patterson J T</b> See <b>Goldheim S L</b> ...	507	<b>Pieper E</b> Technique and economic importance of crease-resisting viscose rayon ...	212
<b>Patton T C</b> Pigment-setting gauge and anti-sag test ...	505	<b>Pierling H</b> Bleaching linen by continuous and semi-continuous methods ...	879
<b>Paul R C, Sandhu S S and Singh J</b> Crystal Violet as reversible indicator in acetyl chloride ...	676	<b>Pierret</b> See <b>Bellaton</b> ...	887
<b>Pavlychenko M M</b> See <b>Ermolenko I N</b> ...	616	<b>Pike R G</b> See <b>Hubbard D</b> ...	503
<b>Peace J B</b> See <b>Elton G A H</b> ...	887	<b>Pilyugin G T and Shinkorenko S V</b> Bisazo dyes by condensation of diazo compounds with salts of <i>N</i> -arylquinolines ...	783
<b>Peacock C L, Porter B R, Rollins M L and Tripp V W</b> Effects of modification on soil resistance of cotton fibre ...	323	„ Condensation of salts of <i>N</i> -arylquinoline with nitroso compounds ...	788
<b>Peacock W L</b> See <b>Hornsby S</b> ...	706	„ Disazo dyes from <i>N</i> -phenylquinolines ...	788
<b>Peck V</b> Fibre replication for light microscopy ...	328	„ See <b>Opanasenko E P</b> ...	96, 788
<b>Pedersen C J</b> Reversible oxidation of phthalocyanines ...	195	<b>Pinner S H and Swallow A J</b> Coloration of plastics by irradiation ...	216
<b>Pelevin S N</b> See <b>Frenkel I B</b> ...	497	<b>Pinte J</b> Practical causes of chemical degradation of rayon and properties of modified celluloses ...	104
<b>Penescu I</b> See <b>Iacobescu P</b> ...	706	<b>Piper R</b> Toxicity of solvents ...	784
<b>Penketh G E</b> See <b>Harvey D</b> ...	811	<b>Pirkl J</b> See <b>Dobál J</b> ...	194, 595
<b>Pennsalt Chemical Corpn.</b> Antistatic agents for hydrophobic man-made fibres ...	705	<b>Piskur M M</b> Annual review of literature on fats, oils, and detergents ...	93, 784
<b>Pennsylvania Salt Manufacturing Co.</b> Fungicidal composition ...	191	<b>Pittsburgh Plate Glass Co.</b> Dyeing plastic sheeting ...	322
<b>Perfect J W R</b> Flame-resistant finishing of cellulosic fabrics with phosphorus-containing resins ( <i>Lecture</i> ) ...	829	<b>Plaksin S A</b> See <b>Gribunina N A</b> ...	718
„ Flame resistant finishing of textiles with special reference to the tetrakis(hydroxyphosphonium) chloride method ...	807	<b>Plant J C</b> Colouring metal surfaces ...	116
<b>Peri J B</b> Electron-microscope study of dispersions of detergents in oil ...	785	<b>Plastic Film Corpn.</b> Waterproof composite fabric ...	809
<b>Perry J W</b> Scope and limits of colour measurement ...	888	<b>Plotneva I D</b> See <b>Dokunikhin N B</b> ...	711
<b>Peryman R V</b> Effect on wool of boiling in aqueous solutions ...	63	<b>Plisek L and Schwertasek K</b> Origin and properties of fibre skin in 6-nylon ...	319
<b>Peshkheonov S N</b> Pressure dyeing and washing machine ...	491	<b>Ploetz T</b> See <b>Langer R</b> ...	731
<b>Pesin L M</b> See <b>Katreliev V N</b> ...	618	<b>Plum S</b> Metallization of fabrics ...	615
<b>Péter F</b> Moisture content of textile fibres with Karl Fischer reagent ...	219	<b>Plümer F</b> Continuous drum drying machine for laundries ...	189
„ Polarographic investigation of sodium dithionite ...	446	<b>Pochinok V Ya, Pompa V P and Tonkoshkur O D</b> Hydroxy-diazoamine compounds of anthraquinone ...	493
„ See <b>Mihalik B</b> ...	219, 447	<b>Pocker Y</b> Ionisation of triphenylmethylchloride in nitromethane ...	432
<b>Peter M</b> New developments in dyeing with Cibacron reactive dyes ...	610	<b>Podstata J</b> See <b>Allan Z J</b> ...	192, 708
„ <b>Werdenberg H and Widmer W</b> Cibacron dyes ...	498		
<b>Peters D</b> Effect of methyl substitution on $\alpha$ - and $\beta$ -bands of ultraviolet spectrum of alternant hydrocarbons ...	97		
<b>Peters H W and Turner J C</b> Dyeing continuous-filament nylon with disperse and anionic dyes ( <i>Symposium</i> ) ...	252		



	PAGE		PAGE
<b>Pohl H A</b> Reaction spinning of fibres ... ..	798	<b>Pont de Nemours &amp; Co. Inc. E I du—continued</b>	
<b>Pokrovskii L I</b> See Pakshver A B ... ..	608	Red to maroon azo pigments ... ..	602
<b>Polikarpov N K</b> See Landra E K ... ..	559	Red monoazo pigments ... ..	198
<b>Polinazky K</b> See Jonge J De ... ..	53	Red and violet trisazo direct dyes for diazotisation and development on the fibre ... ..	199
<b>Polster A</b> Photo-oxidation of Indigosols on rayon ... ..	670	Reducing the particle size of organic pigments ... ..	795
<b>Pomeroy C D</b> See Mitton R G ... ..	445	Reducing tendency of synthetic fibre fabrics to pill ... ..	213
<b>Pompa V P</b> See Pochinok V Ya ... ..	493	Stabilised colouring compositions for carbon copying hectographs, etc. ... ..	436
<b>Ponomarenko A A</b> Direct substitution of nitro group in aromatic nitro compounds by chlorine using carbon tetrachloride ... ..	660	Sulphonated vat dyes ... ..	602
<b>Pont de Nemours &amp; Co. Inc. E I du</b>		Synthetic linear soluble polymers ... ..	64
Acetdibenzimidazoisoquinolone vat dyes ... ..	603	Titanium dioxide ... ..	667, 715
Alkyl titanate coatings ... ..	562	Transparent, non-crystalline grey pigment ... ..	605
Alumina-coated pigments ... ..	495	Treating paper with silica sol ... ..	724
Ancillary piercing roll for use with calenders ... ..	703	Water vapour-permeable, Composite leather substitutes ... ..	71
Antistatic finish fast to washing and dry-cleaning ... ..	882	Werner complexes as antistatic agents ... ..	93
Application of ceramic colours by squeegee or screen printing ... ..	805	Yellow colloidal silver for absorbing blue light ... ..	706
Basic monoazo dyes for polyacrylonitrile fibres ... ..	58	Yellow metal-complex monoazo pigments ... ..	713
Bleaching cotton cloth ... ..	563	Yellow quinophthalone dyes for hydrophobic fibres ... ..	665
Bleaching kraft pulp ... ..	563	Yellow to reddish-yellow iron oxide pigments ... ..	877
Blue to violet anthraquinone disperse dyes ... ..	316	Zinc and cadmium sulphides and selenides ... ..	715
Carbon-filled polyamides ... ..	103	<b>Porai-Koshits B A</b> See Frankovskii Ch ... ..	708
Ceramic colour compositions ... ..	732	Ginzburg O F ... ..	96
Chemically setting crimp in acrylic fibres ... ..	721	<b>Poros T</b> Crease-resist finishing ... ..	671
Chlorendic acid as dispersing agent in aqueous dispersions of polyfluoroethylenes ... ..	49	<b>Poroshin K T</b> Addition of amino acids and peptides to the carboxyl groups in protein molecule ... ..	617
Chlorinated cobalt phthalocyanines ... ..	495	Interaction of primary breakdown products of protein with anhydrides of <i>N</i> -carboxyglycine, DL-alanine and DL-proline ... ..	502
Chromable azo-phthalocyanine dyes ... ..	791	<b>Porter A S</b> Interfacial effects of calcium ions in detergency ... ..	800
Coating fabric, pigments, etc. with pyrolysed <i>p</i> -xylene or substituted <i>p</i> -xylene ... ..	566	<b>Porter B R</b> See Moore A T ... ..	800
Coating metal oxides or salts on organic polymers by use of ionising radiation in absence of a binder ... ..	883	Peacock C L ... ..	323
Coating organic polymers with organic material ... ..	810	<b>Porter Q N</b> See Davies W ... ..	193
Colour correction in obtaining accurate multi-colour photographs ... ..	720	<b>Portnov M A</b> See Mazychenko L A ... ..	504
Colourings for hectograph inks ... ..	797	<b>Poskocil J</b> See Allan Z ... ..	51
Continuous peroxide bleaching of cotton ... ..	321	<b>Powell G M</b> See Bailey F E ... ..	568
Copper phthalocyanine ... ..	495	<b>Poxon D W</b> Chromatographic examination of oils with dyed filter paper ... ..	618
Copper phthalocyanine precursor ... ..	665	<b>Præger S S</b> Selective solvents for analysing fibre mixtures ... ..	76
Leuco-Copper phthalocyanine ... ..	57	<b>Pré A M Du</b> See Haydel C H ... ..	565
Dyeing polyacrylonitrile fibres ... ..	208	<b>Pré E F Du</b> See Mitcham D ... ..	667
Dyeing polyesters with anthraquinone disperse dyes ... ..	436	<b>Prentiss W C</b> Dispersion, distribution and binding of pigments in emulsion paint films ... ..	100
Dyeing polyester and cellulose triacetate fibres ... ..	719	<b>Preobrazhenskaya I N</b> See Frenkel I B ... ..	497
Emulsion paint based on chlorosulphonated ethylene polymers ... ..	797	<b>Press J J</b> Abrasion tester for fabric ... ..	76, 732
Flame-resistant finish by use of alkali metal fluoride and boric acid or anhydride ... ..	871	<b>Pressley T A</b> See Crewther W G ... ..	497, 800
Flame-resistant and rotproof finish for cellulosic materials ... ..	566	Fraser R D B ... ..	798
Gelling hydroxyl polymers ... ..	216	<b>Preston C</b> See Fowler J A ... ..	372
Improving the handle of polyester fibre fabric ... ..	501	<b>Preston R D</b> See Belford D S ... ..	674
Increasing abrasion-resistance of textiles by treatment with Werner type complexes ... ..	213	<b>Pribil R</b> See Körbl J ... ..	433
Increasing loftiness or bulkiness of acrylonitrile co-polymer yarns ... ..	717	<b>Pribytкова N N</b> See Agroskin L S ... ..	193
Inks for duplicators or carbon papers ... ..	439	<b>Priskie I</b> World consumption of colouring matters ... ..	50
Inks for printing or dyeing plasticised polyvinyl acetal sheeting ... ..	203	<b>Prochim</b> Sterilising papermaking pulps ... ..	327
Metal-free phthalocyanine or its derivatives for dyeing cellulose ... ..	57	<b>Prokof'eva M</b> See Derovitskaya V ... ..	616, 809
Molybdate Orange ... ..	795	<b>Puche R C T</b> Paper partition chromatography of synthetic dyes authorised for colouring foods in Argentine ... ..	729
Monoazo basic dyes for polyacrylonitrile fibres ... ..	876	<b>Puchkov V A</b> See Kizber A I ... ..	50
Monoazo pigments ... ..	713	<b>Purenas A K</b> See Brazauskas V V ... ..	718
Non-flocculating phthalocyanine pigments ... ..	666	<b>Purves C B and Smith D M</b> Reaction of chlorine dioxide and a lignosulphonic acid ... ..	65
Orange and red monoazo disperse dyes from <i>N,N</i> -bis-(cyanoethyl)anilines ... ..	494	„ and Swan E P Xanthate groups in partly substituted cellulose xanthate ... ..	214
Organophilic titanium ... ..	202	„ See Adamek E G ... ..	64
<i>N,N'</i> -Oxydimethylene-bis-acylamides as water-repellent finishes ... ..	596	Falconer E L ... ..	112
Patent leather-like finish on polyvinyl chloride sheeting ... ..	727	<b>Putokhin N I and Sorokin A N</b> Diazotisation reaction of 2:4-diaminothiophen and its azo derivatives ... ..	315
Phosphate esters and their amine salts as flattening agents for synthetic resin coating compositions ... ..	606		
Phthalocyanine pigments ... ..	794, 795		
Plastisol compositions for coatings and films permeable to water vapour ... ..	191		
Polyethylene film more receptive of printing inks ... ..	727		
Quaternary ammonium anthraquinone salts as pink-red disperse dyes ... ..	56		
Quinophthalone disperse dyes ... ..	792		
Quinophthalone disperse or basic dyes ... ..	792		
Quinoxaline vat dyes ... ..	200		

## Q

<b>Quaker Chemical Products Corp.</b> Durable mechanical effects on cellulose fabrics by applying acetals ... ..	565
Imparting dimensional stability and durable mechanical effects ... ..	69
<b>Quarzlampen</b> Fading lamp ... ..	76
<b>Quehl K</b> Flame-resistant and water-repellent finish ... ..	108
<b>Quistwater J M R</b> See Dunell B A ... ..	563

## R

<b>Rabe P</b> Standard depths of colour for assessment of colour fastness of dyes on textiles ... ..	113
See Koch O ... ..	114
<b>Rády G</b> See Erdey L ... ..	217

	PAGE		PAGE
Rafikov S R and Tsetlin B L Action of X-rays on polyamides	502	Ried W See Hensel W	802
Ragon P See Boido D	870	Riegel Textile Corp. Non-slip fabric	213
Rahman M L See Johnson A	201	Riley J L See Noether H D	675
Raikhlin F I See Anfonova M I	497	Rinderknecht H See Jurd L	711
Rainbo-Cel. Iridescent flake for plastics	202	Ritso A E See Landra E K	559
Ramaiah N A See Agarwal J K P	55	Roach A G See Egerton G S	71, 207, 401, 408, 415
Ramirez F See Levy S	193	Robbatt E Dimensional stabilisation of cellulose fabrics by alkyl silicon halide vapours	500
Ramsden E N See Bell R P	430	Organosilicon halide aerosols for water-repellent cellulose materials	833
Rao S S and Tilak B D Synthesis of non-planar quinonoid dyes	51	Robe R S Flame resistant regenerated cellulose	717
Rapoport L See Bikales N M	565	Flame resistant viscose rayon	603
Rassudova N S Effect of surface-active agents in physico-technical preparation of lithopone	106	Robertson A See Ballantine J A	434
See Litvyak G A	197	Robertson J D Scray	491
Rath H Chemical modification of fibres and dyes	609	Robertson T See Robertson Co. H H	878
Rehm H, Rummeler H and Specht E Chemistry and technique of dyeing acrylic fibres by cuprous ion method	106	Robertson Co. H H and Robertson T Vitreous enamel coatings on aluminium	878
and Specht E Dyeing acrylic fibres by cuprous ion method	609	Robinson H M See Goldthwait C F	613
See Groshopp H	325	Robinson R Chemistry of benzil and haematocrylin	780
Raven D J See Earland G	798	See Joslyn M A	790
Rawson D H See Elliott R L	173	Robson A See Corfield M C	798
Raytheon Manufacturing Co. Black coatings for metal	797	Rochas P Chemistry of cellulose degradation	100
Razumova V P p-Nitrophenyldiazaminobenzenes (Cation), reagent for cadmium	111	Diffusion fluorimeter for determination of fluorescence spectrum of opaque materials	833
Razuvaev G A See Etlis V S	789	Permanence of white of Soierie Lyonnaise	321
Read N J Calcium plumbate	53	Sensitivity to alkalis of the 1-4 acetal linkages of oxy-celluloses	616
and Heighway-Bury E G Flameproofing of textile fabrics with particular reference to the function of antimony compounds	823	See Bellaton	887
Rebek M See Baumgartner H	507	Gavet L	497
Beck H	731	Roche & Co. F Hoffmann-La Carotenoid compounds as food dyes	107
Rebenfeld L Mechanical properties of cotton fibres and their response to mercerisation	807	$\beta$ -Carotene and dehydro- $\beta$ -carotene	107
Reese E T, Segal L and Tripp V W Effect of cellulase on degree of polymerisation of cellulose and hydro-cellulose	318	Rockhill Printing & Finishing Co. Printing stripes on fabric	443
Reese W B Lighting factors to be considered in textile colour matching	619	Roderick W R See Brown W G	53
Standardised lighting for critical colour matching and production tinting of paint	888	Rodney Hunt Machine Co. Continuous wet treatment of cloth	784
Reeves Brothers Heat stabilisation of polyethylene cloth	883	Rogenhofer H See Bretschneider H	706
Rehm H See Rath H	106	Rogers L B See Hercules D M	504
Rehner T See Klimits L	218	Rogers S M and Steele W R Solvay activated hydrogen peroxide bleaching process	207
Rehnström J and Treiber E Reaction of alkali celluloses with carbon diselenide	674	Rogovin Z See Derovitskaya V	616, 809
Rehs S S See Daruvala E D	498	Röhm & Haas Co.	
Reichel I Substitution in condensed triphenylmethane triketone system	708	Antistatic agents	705
See Balint A	708	Bating hides or skins after treatment with a protease	676
Demian A	598	Coated paper	724
Palea R	193, 598	Dicarbamate-formaldehyde resins as textile finishes	94
Reichel J See Gruescu G	710	Internally patterned translucent or transparent synthetic resins	327
Iacobescu P	706	Mineral-coated paper	834
Reid J D See Fenner T W	324, 567	Nitrogen-containing polyvinyl ethers as textile finishes	94
Kullman R M H	614, 808	Plissé effects on cellulose fabric	808
Markesich A R	211	Preventing nylon from discolouring on being heated	833
Reinhardt R M See Fenner T W	324, 567	Reducing felting power of wool while increasing its abrasion resistance	500
Kullman R M H	614, 808	Resin-bonded dispersions	496
Markesich A R	211	Size for hydrophobic yarns	704
Reinshtein V E See Kutepov D F	314	Synthetic resinous binders for pigment padding and printing compositions	209
Reitzer M T See Fleury J P	447	Tanning with double silicates of zirconium and alkali metals	215
Research Corp. (New York) Glucoside azo dyes	198	Treating textiles with diethylene glycol dicarbamate-formaldehyde resins	722
Rewieńska-Kosciukowa B Viscometric determination of damage to silk fibroin	730	N-Vinylalkylalkylcarboxamides	190
Rhodatoce Spinning variegated filament yarns	206	Wool fabrics dimensionally stable to repeated washing	808
Riba P S Treating fibres with liquid in a closed circuit	703	Rollins M L See Moore A T	102, 800
Rice J C High-gloss printing paper	675	Peacock C L	823
Richard M J See Fritz J S	504	Rony L J Determination of maturity of raw cotton by differential dyeing, ribbon width and micronealre value	447
Richards G N See Corbett W M	214	Roos A J de Stabilisation of fibre suspensions	723
Machell G	103, 444	Rosens L See Creyf S	194
O'Meara D	501	Ros A See Croon I	444
Richardson G M See Heckert W W	103	Rösch M Critical detergent concentration for maximum washing efficiency	668
Richardson J H Laboratory screening test for bactericides for sheepskin soaking pits	725	See Kehren M	327
Richardson R D See Forbes E J	600	Rose G R F See Bayley C H	69, 107
Richardson R W Potential alkalinity of dyehouse water (Correspondence)	422	Rose W P Calender	40
Supply, treatment and disposal of water in the dyehouse	93	Plural colour doctor knife for textile printing machines	671
Richter G A See Herdle L E	75, 114	Rosen M J Separation of non-ionic surface-active agents from mixtures with anionics by batch ion exchange	503
Richters P See Hünig S	710	Rosenberg B Photoconductivity and visual receptor process	812
Ridd J H See Hughes E D	431		
Ridley W H Automation with process instruments	783		

	PAGE		PAGE
<b>Roskin E S</b> Technology of polyacrylonitrile fibre Nitron (Nitrolon) ...	320	<b>Saller W</b> Coal-tar dyes in red wine ...	729
<b>Ross D A and Speakman J B</b> Gravimetric estimation of medulla in wool ...	112	<b>Samcoe Holding Corp.</b> Compressive shrinking ...	808
<b>Ross J</b> See Epstein M B ...	65	Controlling tension when winding tubular fabric ...	48
<b>Rostovtsev V E</b> Improved fastness with azoic dyes ...	499	Cylinder drier ...	188
Increased diffusion of dyes into cellulose ...	105	Finishing tubular fabric ...	808
<b>Roth K</b> Printing Trevira polyester fibre ...	805	<b>Samsonova T I</b> See Frenkel' S Ya ...	674
<b>Rothe O</b> See May K ...	74	<b>Samuelson O</b> Liberation of carboxyl groups in cellulose ...	444
<b>Rothschild D</b> Maintaining constant tension in material being wound onto or off a roller ...	48	See Bodforss B ...	116
<b>Rout M K</b> See Das B ...	315	Franzon O ...	214, 326, 618
Mahapatra G N ...	315	Oldsberg L ...	214
Patnaik B K ...	315	<b>Samurova S T</b> See Efremova L N ...	53
<b>Roux D G</b> Advances in identification of leuco-anthocyanins and chemistry of condensed tannins ...	504	<b>Sanders C L and Wysecki G W</b> Correlate for lightness in terms of C.I.E. tristimulus values ...	113, 506
Molecular weight of condensed tannins as factor determining affinity for collagen ...	810	L/Y Ratios in terms of C.I.E. chromaticity co-ordinates ...	888
<b>Rovinskaya T M</b> See Koganovskii A M ...	49	<b>Sanderson &amp; Murray</b> Extracting water from loose wool ...	703
<b>Roy S C</b> See Mitra S N ...	75	<b>Sandhu S S</b> See Paul R C ...	676
<b>Roy S K</b> See Dutta P C ...	315	<b>Sandoz Products Ltd</b>	
<b>Rubberset Co.</b> Keratin solutions for fibres ...	790	Anthraquinone intermediates and dyes ...	436
<b>Ruck H</b> See Kouris M ...	674	Anthraquinone levelling blue acid dye ...	791
<b>Rüedi E</b> Activated bleaching with sodium chlorite ...	717	Blue copper-complex disazo direct dyes ...	561
<b>Rüegg R</b> See Chopard-dit-Jean L H ...	53	Blue and grey metallisable monoazo dyes for wool, nylon ...	58
Gutmann H ...	53	Carboxymethylated glycol ethers ...	557
Isler O ...	53, 196	Device for selecting dyes ...	620
<b>Ruile H</b> Impregnation for water repellency and synthetic-resin finishing ...	212	N,N'-Diarylnaphthoquinonolines as disperse dyes ...	56
Labelling synthetic resins in resin-treated fabrics with fluorescent dyes ...	115	Disperse dyes, Derivatives of 1-amino-2-nitrobenzene-4-sulphonamide ...	56
<b>Ruiz-Cuevas M</b> See Barella A ...	619	Dyeing polyacrylonitrile ...	67
<b>Rümens W</b> Application of novel chemical compounds in finishing cellulosic fabrics ...	443	Dyeing polyester fibres with phthaloperinones and naphthaloperinones ...	804
<b>Rummler H</b> Dyeing polyester fibres with vat dyes in the acid leuco form ...	609	Dyeing and printing cellulose acetate, nylon, polyester fibres and cyanoethylated cellulose ...	190
See Rath H ...	106	Dyeing and printing textiles and foils of organic esters ...	106
<b>Rupp R</b> See Hausam W ...	721	Fluorescent brightening agents ...	666
<b>Russell Manufacturing Co.</b> Cone for use in package dyeing ...	93	Grey and black trisazo direct dyes for after-coppering ...	561
<b>Russocki M</b> Sulphuration of organic compounds in rotary kiln ...	710	Grey hexakisazo direct dyes for aftercoppering ...	98
<b>Rusznák I and Székely A</b> Influence of air on hypochlorite bleaching ...	801	Grey metal complex trisazo direct dyes ...	790
See Boros O ...	499	Metal-complex dyes for wool from mixtures of monoazo and disazo compounds ...	435
Fehérvári M M ...	507, 670	Metal-complex monoazo dyes for wool and nylon ...	97, 560
Fukker K ...	448	Navy blue and black trisazo and tetrakisazo direct dyes for aftercoppering ...	601
Marton E ...	195	Navy blue metal-complex trisazo and tetrakisazo direct dyes ...	436
Pataki A ...	498	Pattern Cards, etc. ...	312, 504, 783
<b>Rutherford H A and Tesler O</b> Activation analysis of fibrous materials ...	496	Printing and pad-dyeing polyacrylonitrile fabrics ...	500
See Wichart H Effect of nuclear radiation on fibrous material ...	609	Red chromium-complex monoazo pyrazolone dyes for wool, nylon, etc. ...	600
See Campbell P W ...	798	Red copperable disazo direct dyes ...	98
<b>Rutherford M B</b> See Craig R A ...	63	Red metal-complex monoazo pyrazolone dyes for wool, nylon, etc. ...	604
<b>Rybníkar F</b> Anomalous low densities of oriented samples of poly-6-caproamide ...	103	Red metallisable and metal-complex monoazo pyrazolone dyes for wool, nylon, etc. ...	198
Glass transition of 6- and 6,6-nylons ...	607	Yellow monoazo disperse dyes having a carbamic ester group ...	494
Viscometry of 6-nylon ...	726	<b>Sanghi I</b> See Parthasarathy N V ...	888
<b>Rymashevskaya Yu A</b> See Konkin A A ...	809	<b>Sant A J</b> See Miller O E ...	507, 887
<b>Ryser G</b> See Gutmann H ...	53	<b>Sanyal A K</b> See Falconer E L ...	112
Isler O ...	53	<b>Sára J</b> See Berndt W ...	731
		<b>Sarco</b> Boarding and presetting apparatus for hosiery ...	93
		<b>Sárdi A and Selló I</b> Factors influencing levelness in dyeing ...	207
		<b>Sasaki H</b> Micelles. Comparison of spectral and other results ...	103
		<b>Satlow G</b> See Kesler H ...	668
		<b>Satō K</b> See Ono Y ...	667
		<b>Satō Y and Yasuda T</b> Effects of tensile hysteresis on dyeing properties of nylon ...	672
		<b>Satomi Y</b> See Kimura K ...	728
		<b>Saucy G</b> See Isler O ...	53
		<b>Sauer J A</b> See Deely C W ...	63
		<b>Saul &amp; Co.</b> Readily soluble compositions containing 4-methyl-7-aminocoumarin fluorescent brightening agents ...	603
		Substantive anthraquinone dyes ...	199
		<b>Saunders S L M</b> Hiding power of pigments and mixtures of pigments ...	112
		<b>Sauvener H</b> Desensitising action of dyes on emulsions with and without chemical sensitising ...	67
		<b>Savinov B G and Svischchuk A A</b> Purification of carotene ...	663
		<b>Sawicki E</b> Absorption spectra in alcohol and acid solution of disazobenzene dyes ...	873
		Absorption spectra of 4-aminoazobenzene dyes in ethanol ...	314
		Physical properties of aminoazobenzene dyes ...	314

## S

<b>Sachtleben AG für Bergbau und Chemische Industrie</b> Weather-proof, tinted, zinc sulphide pigments ...	715
<b>Sadov F I and Smirnova L G</b> Dyeing polyamide fibres with disperse dyes ...	880
and Vil'et E O Chitosan in pigment printing ...	719
and Voznesenskii N N Optimum conditions for printing viscose rayon with Diazol Blue O ...	490
See Oskorbina N A ...	499, 805
<b>Saito K, Yamasaki F and Yamasaki K</b> Identification of pigments by back scattering of $\beta$ -rays ...	504
See Imai T ...	804
<b>Sakaguchi Y and Sakurada I</b> Acetylation of cotton with acetic anhydride vapour ...	211
and Yamaguchi H Acetylation of cotton and ramie yarns ...	211
<b>Sakajiri S</b> Transition of polyethylene terephthalate fibre birefringence ...	563
<b>Sakurada I</b> See Sakaguchi Y ...	211
<b>Salivon M A</b> See Dedyukhina L A ...	872



	PAGE		PAGE
<b>Sawicki E—continued</b>		<b>Scott R G</b> See Ferguson A W	328
Physical properties of aminoazobenzene dyes. Position of proton addition	432	<b>Scott T R</b> Bleaching and mercerising cotton/nylon blended fabrics	717
<b>Scacclati G</b> See Gondi P	493	<b>Scott &amp; Williams</b> Crinkled nylon yarn	615
<b>Schaeffer A</b> Substantivity of dyes and its causes	440	<b>Scribner R M</b> See Cairns T L	661
See Hensel W	802	<b>Scripto</b> Erasable black composition for ball-point pens	797
<b>Scheel E</b> See Musshoff H	802	<b>Seal J F</b> See Gastrock E A	324
<b>Schreier W</b> Chlorine retention of resin finishes on cotton	74	Haydel C H	318, 565, 596
Photochemical degradation of polyester fibres	717	<b>Seaman H</b> See Hadfield H R	392
Ultraviolet transmission of fibre solutions	439	<b>Secosan E</b> See Demian A	598
<b>Scheibe G</b> See Brünner R	67	<b>Secotan</b> Treating permeable sheets with fluids	189
<b>Schickhardt O</b> and <b>Strecker F</b> Abrasion testing of textiles	811	<b>Segal L</b> See Clayton R L	614
<b>Schiffner G</b> See Arnoldy G	194	Conrad C M	114
<b>Schiffner R</b> See Lange G	324	Loeb L	69
<b>Schlipps G</b> and <b>Torraca G</b> Egyptian Blue	712	Reese E T	318
<b>Schlaeppl F</b> Reactive dyes for cellulose and practical experience in their application	803	<b>Segalevich F E</b> See Katreliev V N	618
<b>Schleussner Fotowerke Dr. C</b> Colour photography	323	<b>Sekido M</b> See Iijima T	609
<b>Schmid H</b> Mechanism of diazotisation and mode of action of carcinogenic substances	707	<b>Seligberger L</b> See Clayton H	445
„ and <b>Woppmann A</b> Kinetics of diazotisation in nitrite solutions	707	<b>Sellers &amp; Co. (Huddersfield)</b> Adjusting aqueous rollers	93
„ See Esaler C	430	<b>Selling H J</b> See Friele L F C	506
Fouad M G	707	<b>Selle I</b> See Marton E	195
<b>Schmid K</b> See Benzec W L	114	Sardi A	207
<b>Schmidlin H U</b> Status of synthetic fibres in textile field	799	<b>Sen A B</b> and <b>Sharma R C</b> Phenoxazine dyes	559
„ and <b>Stern H</b> Practical problems in processing textiles made from polyester fibres	804	Synthesis of substituted aminophenothiazines	710
<b>Schmidt F</b> New developments in sodium chlorite bleaching	320, 609	<b>Senn H</b> See Anderegg G	870
<b>Schmidt H-E R</b> Stain removal	104	<b>Septon H H</b> See Machell G	103
<b>Schmidt K</b> Printing and printing pastes	805	<b>Serebryakova Z G</b> See Mikhailov N V	496
<b>Schmitt C H A</b> Investigations in U.S.A. on daylight test methods	220	<b>Serulina A P</b> See Gintse I K	874
<b>Schneider R</b> Application of oil-immersion method to analysis of wool/polyester fibre fabric	102	<b>Sergeeva Z I</b> See Khmel'nitskaya I L	105, 498
See Fendel K	788	<b>Sergievskaya S I</b> See Kropacheva A A	789
<b>Schnellpressenfabrik Frankenthal Albert &amp; Cie.</b> Drying paper or cloth	188	<b>Serova T A</b> See Krasovitskii B M	95
<b>Schnock G</b> See Griehl W	111	<b>Settele W G</b> Study of viscose rayon in 1- $\mu$ cross-sections	568
<b>Schoenberg W A</b> Reserve effects on Arnel/cotton unions and combinations with other fibres	670	<b>Settle G E</b> See Anderson S L	74
<b>Schofield M</b> Diazo centenary	787	<b>Shapiro S</b> Devices and techniques for testing fungicides	619
<b>Scholten's Chemische Fabrieken NV. W A</b> Increasing viscosity of aqueous solutions of surface-active compounds	189	<b>Sharkov V I</b> See Garmanova E N	114, 444
<b>Schönplüg E</b> Dyeing wool, hair and polyamide fibres with metal-complex dyes	207	<b>Sharma R C</b> See Sen A B	559, 710
<b>Schouteden F</b> Dyeing acrylic fibres	106	<b>Sharples A</b> Hydrolysis of cellulose and its relation to structure	674
Reaction of hydroxylamine and polyacrylonitrile in aqueous medium	885	See Major H M	502
<b>Schramm A F</b> Metallised fabric	213	<b>Shaw B L</b> See Ballantine J A	434
<b>Schreckendust J G</b> See Gowing D M	731	<b>Shaw J T B</b> See Lucas F	102
<b>Schubert R</b> Influence of glazing on properties of upper leather	725	<b>Shawinigan Chemicals</b> Polyvinyl acetate emulsions stabilised with hydroxyethyl cellulose	557, 786
<b>Schuler M J</b> Mechanism of carrier action in dyeing Dacron	66	<b>Shchigolev P V</b> Electrochemical surface decoration of aluminium articles	441
<b>Schulzen H</b> Alginates in textile industry. Salts and derivatives of alginic acid	784	<b>Sheaffer Pen Co. W A</b> Writing Ink	562
<b>Schurz J</b> Discoloration effects in polyacrylonitrile fibres	563	<b>Shein S M</b> and <b>Vorozhtsov N N</b> Interchange of sulpho and hydroxyl groups in aromatic series	787
„ and <b>Streitzig H</b> Carboxymethylcellulose. Evaluation of polydispersity by characteristic P-D curves	724	<b>Shell Development Co.</b> Epoxy resin finish	325
„ and <b>Stubchen H</b> Homogeneous saponification of polyacrylonitrile, polymethacrylonitrile and Vinyon N	727	Giving textiles dimensional stability and ability to recover from creasing	615
„ and <b>Zimmerl W</b> Osmotic measurements on organic xanthates	616	<b>Shell Refining &amp; Marketing Co.</b> Detergent	93
„ See Kienzl E	444	<b>Shemkov N K</b> See Abramova E A	502
<b>Schuster K</b> Condensed phosphates in textile processing	608	<b>Shemyakin M M</b> See Gomes E	95
„ and <b>Umlauf J</b> Application of Calgon in bleaching	608	Mahmud V I	492
„ See Franck-Meinolt	785	<b>Shepherd H</b> Manufacture of coated fabrics (Lecture)	449
<b>Schutz R</b> See Marquier S	440, 720	<b>Sherburne E C</b> and <b>Skinkle J H</b> Interfacial film phenomena in dyeing cellulose acetate	208
<b>Schwartz A W</b> See Dickerman S C	493	<b>Sherratt H S A</b> See Harborne J B	434
<b>Schwarzenbach G</b> See Anderegg G	870	<b>Sherwin-Williams Co.</b>	
<b>Schwarzenbach K</b> See Clusius K	787	Brushing polychrome finishes	496
<b>Schwenker R F</b> See Passi E	565	Carbon blacks inert to driers	795
<b>Schwertasek K</b> Swelling of cut ends of fibres	319	Coating composition	496
See Plisek L	319	Dual-purpose tinting base	716
<b>Schwyzler R, Sieber P</b> and <b>Zatsko K</b> Coloured protective groups for synthesis of polypeptides	885	Red monoazo pigments	601
<b>Scientific Oil Compounding Co.</b> Bacteriostatic compositions for use with starch	871	Stabilising nylon to ultraviolet radiation	615
<b>Scott H B</b> Doctors for papermaking and other machines	784	<b>Sherwood N H</b> Binders for non-woven fabrics	64
<b>Scott P J</b> Evaluation of carriers for Dacron dyeing	887	<b>Shibata K</b> Absolute method for measuring diffuse reflectance spectra	73
		<b>Shilov E A</b> and <b>Valnshtein F M</b> Mechanism of isomerisation of $\alpha$ - into $\beta$ -naphthalenesulphonic acid	94
		Sulpholysis of sulpho groups in aromatic sulphonic acids	596
		<b>Shimizu T</b> See Miyaoka U	208, 499
		<b>Shine H J</b> See Bear J L	96
		<b>Shinkorenko S V</b> See Opanasenko E P	788
		Pilyugin G T	788
		<b>Shpital'nyi A S</b> See Kuznetsova T V	502
		<b>Shkol'man E E</b> and <b>Voroshilova N M</b> Analysis of phthalic anhydride	504
		<b>Shtutser V V</b> Chlorite bleaching of fabric	801
		<b>Shuttleworth T H</b> See Jones T G	890
		<b>Siddiqui R A</b> See Hahn G	885

	PAGE		PAGE
Sidlow R Organic derivatives of titanium ... ..	785	Smith L I See Abler R L ... ..	559
Sieber P See Schwyzer R ... ..	885	Smith R D Darlan (Darvan) dinitrile fibre ... ..	322
Siemens-Schuckertwerke Controlling lateral position of cloth, paper, etc. while in motion ... ..	188	Smith S G Identification of unknown synthetic fibres ... ..	619
Production of homogeneous multi-component liquid mixtures, solutions or emulsions ... ..	783	See Lucas F ... ..	102
Silberman H See Angapandu A ... ..	812	Sitch D A ... ..	65
Simigla P A and Tangiyan M Z New direct and vat dyes ... ..	492	Smith T M See Kaye W I ... ..	328
Simmonds D H Amino-acid composition of keratins ... ..	668	Smith-Johannsen R Microporous films ... ..	327
See Bartulovich J J ... ..	668	Smith & Co. (Whitworth) F Obtaining dyed samples of cloth from pressure dyeing machine ... ..	188
Fraser R D B ... ..	102	Snavey F A See Douglas B E ... ..	95
Simmons C R See Hessler L E ... ..	64	Snowden J E See Klein E ... ..	567
Simoncini A Dyeing glacié kid black ... ..	804	Sobolev M A See Krasivskaya A A ... ..	607
See Gelsomino M ... ..	508	Soc. Monsavon L'Oreal Oxidation bases for dyeing human hair ... ..	877
Simpson B G Effect of silicone softeners on resin-treated cottons ... ..	614	Société Anonyme de Matières Colorantes et Produits Chimiques See Fran ... ..	
Simpson M E See Butler M L ... ..	606	Société des Blancs de Zinc de la Méditerranée, E Chaubary, Pierre Gindre & Cie. Titanium dioxide ... ..	437
Simpson T H See Ballantine J A ... ..	434	Société des Laboratoires Labax Unhairing and/or baking animal skins ... ..	327
Simpson W T See Curtis W ... ..	51	Société Monsavon-L'Oreal Dyeing human hair ... ..	670
McGlynn S P ... ..	661	Hair dyes ... ..	67
Sims D See Peters L ... ..	116	Société Rhodiacta Crêpede fabric ... ..	69
Sims P Persulphate oxidation of carcinogenic aromatic amines ... ..	430	Dyeing mixtures of acrylic and cellulose derivative fibres ... ..	106
Sinejda R K Multicolour attachment to the print roller ... ..	505	Dyeing polyester fibres ... ..	670
Singh J See Paul R C ... ..	676	Société des Usines Chimiques Rhône-Poulenc Improving resistance of wallpaper to water staining and washing ... ..	567
Singh L Colour problem of ruby ... ..	712	Society of Leather Trades' Chemists Fastness Test Committee Proposed official method for testing fastness of dyed leather to ... ..	
Sinha A K See Guha S K ... ..	434	Perspiration ... ..	115
Sippel A Calculation of intermolecular forces by means of density measurements ... ..	616	Rubbing (light leathers) ... ..	115
Catalysts in photodegradation of textile fibres ... ..	879	Washing ... ..	115
Degradation of textile fibres by radiation and heat ... ..	439	Provisional method for testing colour fastness of Coloured leather to organic solutions ... ..	620
Sitch D A and Smith S G Oxidation of silk fibroin by hydrogen peroxide and by peracetic acid ... ..	65	Light leathers wetted from back with organic solutions ... ..	620
Skalický L See Latinský J ... ..	72, 728	Provisional method of testing colour fastness of leather finishes to ... ..	
Skau E L See Honold E ... ..	64	Heat ... ..	732
Skertchly A R B Observations of phase transformations in fibrous proteins ... ..	116	Water spotting ... ..	732
$\alpha$ - $\beta$ Transformation in keratin ... ..	607	Sogomonyants Zh. S and Vol'kenshtein M V Stereo- isomerism in polyesters and polyamides ... ..	110
Skinkie J H Effect of dye and acid valences in wool dyeing ... ..	803	Sokol WM See Hadfield H R ... ..	629
See Denio A A ... ..	208	Sokolovskii A L See Nikiforova V N ... ..	434
Makuch E W ... ..	803	Solberg Y J Dyeing wool with lichens ... ..	662
Sherburne E C ... ..	208	Solnýshkin V I Specific heats of aqueous solutions of soaps ... ..	596
Skinner B See Corfield M C ... ..	798	Solo R B See Adams D P ... ..	76
Skuric Z and Weber K Quenching fluorescence of fluorescent brightening agents ... ..	711	Solodov' L S See Efremova L N ... ..	53
Skwaraki T Preparation of N-methoxymethyl and N- hydroxymethyl derivatives of caprolactam ... ..	216	Solodushenko S N See Dogadkina L A ... ..	597
" and Turaka E Fractionation of ethylene glycol terephthalate " See Antczak B ... ..	205	Solvay & Cie. Non-inflammable heat-convertible copolymers ... ..	94
Gawronski B ... ..	214	Sondheim W S and Webster H Removal of cotton or viscose rayon in analysis of fabrics containing nylon blends ... ..	619
Slade P See Buckley D ... ..	193	Sonoike S See Okabe H ... ..	194
Slánský E Composition of earths and ochres from Western Bohemia ... ..	712	Sookne A M Appraisal of shrink-resistant treatments for wool ... ..	325
Slavinskaya R A Nitration of easily nitratable aromatic compounds ... ..	95	Sorokin A N See Putokhin N I ... ..	315
Slon S B See Banky E C ... ..	76	Soule Mill Heat treatment of glass fibre fabric coated with thermoplastic ... ..	723
Slon WG See Buras E M ... ..	68	Southalls (Birmingham) See Jackson & Brother ... ..	870
Slonimskii G L See Korshak V V ... ..	617	Souther R H See Alspaugh T A ... ..	784
Sluchocka Z Chemical methods of obtaining cottonised fibre in non-pressure vessels ... ..	204	Southwestern Graphite Co. Purifying graphite ... ..	605
Smelyakova V B See Krasovitskii B M ... ..	95	Spandrio L See Ceriotti G ... ..	114
Smirnov E A Colour of arylamides of 2,4-dinitrobenzoic acid Colour phenomena in N-phenylglycyl derivatives of $\alpha$ -aminonaphthoquinones ... ..	790	Spanyár P See Kevei E ... ..	676
See Izmail'skii V A ... ..	874	Speakman J B Reactivity of keratin ... ..	807
Smirnov O K See Levi S M ... ..	785	See Asquith R S ... ..	68
Smirnova L G See Sadov F I ... ..	880	Atkinson J C ... ..	73
Smith A Improving soil resistance of fabrics ... ..	213	Filson A ... ..	762
Smith B H See Dickey J B ... ..	123	Ghosh R C ... ..	607
Smith D M See Blanchfield R ... ..	315	Marten J ... ..	68
Purves C B ... ..	65	Ross D A ... ..	112
Smith E W Felting and/or milling machine ... ..	784	Speakman P L See Hinton E H ... ..	66
Smith F High-temperature dyeing of Terylene slubbing or loose stock ( <i>Symposium</i> ) ... ..	382	Speakman P T Reaction between cystine in keratin and sulphite-bisulphite solutions at 50°C ... ..	108, 798
See Goldstein I J ... ..	501	Specht E See Rath H ... ..	106, 669
Smith H See Chalmers J G ... ..	704	Specklin R Comparative study of behaviour at high tem- peratures of partially acetylated cotton and other fibres ... ..	102
Smith J E See Bacon O C ... ..	614	Spencer G Benzidine determination. ABCM report ... ..	72
Smith J W and Walshaw S M Apparent dipole moments of di- and tri-substituted anilines in benzene and dioxan ... ..	94	Sperling H G See Hsia Y ... ..	113
Smith K L See Bailey F E ... ..	568	Sperotto G Continuous decatizing ... ..	213
Cleve R Van ... ..	568	Spinnfaser AG. Continuous chlorite bleaching of carded laps ... ..	321
		Spooner W W Internally heated drums for dyeing machines ... ..	48

	PAGE		PAGE
<b>Sprague B S</b> See Noether H D ...	675	<b>Sun Chemical Corp.</b> Fungicidal compositions comprising copper-8-quinolinolate with heavy metal salts of alkylphosphoric acid esters ...	430
<b>Sprjakov A A</b> and <b>Starkov S P</b> Isomerisation of benzenedisulphonic acids ...	430	Printing inks for high speed printing ...	303
See <b>Dogadkina L A</b> ...	597	<b>Surmaste J D</b> See <b>Maricq J</b> ...	769
<b>Kachurin O I.</b> ...	430	<b>Surridge J R</b> Metallic lead pigment ...	53
<b>Kur'mina Yu L</b> ...	430	<b>Suss Y M</b> and <b>Zhidkova Z V</b> Effect of degree of dispersion and nature of adsorbent on spectral curve of absorption on sensitising dyes in adsorbed state ...	709
<b>Spurr O K</b> See <b>Carpenter D K</b> ...	502	<b>Suzuki K</b> See <b>Okawa T</b> ...	599
<b>Srivastava H C</b> See <b>Adams G A</b> ...	879	<b>Suzuki S</b> See <b>Muramoto Y</b> ...	446
<b>Stadium Chalk &amp; Crayon Co.</b> Moulds for gypsum crayons ...	733	<b>Svatos G F</b> See <b>Goldenson J</b> ...	316
<b>Staedtler J S</b> Ink for ball-point pens ...	203	<b>Svenska Luftfilter</b> Spray booth ...	49
<b>Stamm O A</b> and <b>Zollinger H</b> Adsorption and partition methods in separation of <i>ortho</i> and <i>para</i> isomers of sulphonated hydroxyazo dyes ...	432	<b>Svenska Oljelageri</b> Stable solid water soluble aminoplast condensates ...	786
Orientation by electrophilic aromatic substitution. General base catalysis as additional orientation factor. Multicentred mechanism in <i>o</i> -phenol couplings ...	672	Werner-type chromium ...	100
<b>Standard Register Co.</b> Laminated transfer device for manifold stationery ...	725	<b>Sventitskaya L E</b> See <b>Kropacheva A A</b> ...	789
<b>Standfast Dyers &amp; Printers</b> Continuous dyeing with vat or sulphur dyes ...	564	<b>Sveshnikov N N</b> See <b>Krasnova T V</b> ...	433
<b>Stanley H E</b> See <b>Baird E M</b> ...	73	<b>Svetkin Yu V</b> Acetylation of primary aromatic amines with keten ...	94
Heckert W W ...	103	<b>Svishchuk A A</b> See <b>Savinov B G.</b> ...	663
<b>Stanton G W</b> Zefran nitrile-alloy fibre ...	322	<b>Svoboda V</b> See <b>Körbi J</b> ...	433
<b>Staples M L</b> Determination of colour fastness to light ...	220	<b>Swallow A J</b> See <b>Pliner S H</b> ...	216
<b>Starkov S P</b> See <b>Sprjakov A A</b> ...	430	<b>Swalm J M</b> Inertness, covering power and thermal pliability of Dynel ...	320
<b>Statham K W</b> See <b>Graham D R.</b> ...	607	<b>Swan E P</b> See <b>Purves C B</b> ...	214
<b>Steele R</b> Comparison of fabric tear tests ...	618	<b>Swan J M</b> Reactions and possibilities in peptide and protein chemistry ...	70
Factors affecting drying of fabrics ...	613	and <b>Woods E F</b> Formation of disulphides during hydrolysis of proteins containing oxidised thioether groups ...	108
Method for studying deformation of fabrics in creasing ...	448	<b>Swann M H</b> Determination of cellulose resins in coatings by colorimetric cellulose analysis ...	448
Tear strength of fabrics ...	69	Direct colorimetric determination of cellulose nitrate in lacquers ...	445
<b>Steele W R</b> See <b>Rogers S M</b> ...	207	Microcolorimetric determination of phthalates ...	111
<b>Stefanovic G J</b> See <b>Bojanovic J</b> ...	54	See <b>Esposito G G</b> ...	115, 605, 607
<b>Steidl R</b> Improved methods of chemical shrinking ...	323	<b>Swideraki J</b> See <b>Jezewski Z</b> ...	54
<b>Steiger F H</b> Arrhenius equation in accelerated ageing studies ...	806	<b>Swift &amp; Co.</b> Improving colour of meat, etc. ...	620
Yellowing of nylon ...	108	<b>Switzer Brothers</b> Dyed resinous pigments ...	877
<b>Stenmark G A</b> Determination of $\alpha$ -glycol content of epoxy resins ...	731	Fluorescent dyed resinous pigments ...	202
<b>Stepanov A S</b> See <b>Afanasyeva T N</b> ...	497	Fluorescent pigment compositions ...	405
<b>Stepanov B I</b> See <b>Dedyukhina L A</b> ...	872	Thermoplastic melamine-sulphonamide-formaldehyde condensates as bases for pigments ...	796
<b>Stephen W I</b> See <b>Belcher R</b> ...	727	<b>Széch ED</b> Thiazolecarboxyanines with aryl groupings in thiazole nucleus ...	662
<b>Stern H</b> See <b>Schmidlin H U</b> ...	804	<b>Sykes R L</b> Cross-linking of collagen with aliphatic epoxides ...	109
<b>Stertz J M</b> Radiation-resistant fabric ...	615	<b>Szabó D</b> See <b>Cholnoky L</b> ...	559
<b>Stevens C B</b> See <b>Gokhale M K</b> ...	238	<b>Szabó K</b> See <b>Bonkáló T</b> ...	211
Peters L ...	183	<b>Szabolcs J</b> See <b>Cholnoky L</b> ...	559
<b>Stevens P</b> Colouring warps during weaving ...	106	<b>Szejtli J</b> See <b>Holbó J</b> ...	217
<b>Stevensons (Dyers)</b> Bleaching with permonosulphuric acid ...	104	<b>Székely A</b> See <b>Rusznák I</b> ...	601
<b>Stewart M H</b> See <b>Herzog H M</b> ...	723	<b>Szöll T</b> See <b>Furka A</b> ...	597
<b>Stewart R</b> Mechanism of reduction of triphenylmethyl-carbonium ion in formic acid ...	51	<b>Szepsz G L</b> Light absorption of cyanine dyes adsorbed on regenerated cellulose film ...	207
<b>Stieg F B</b> Hiding power of titanium pigments ...	101	<b>Szigei G</b> See <b>Jonge J De</b> ...	53
<b>Stillo H S</b> See <b>Kolat R S</b> ...	320	<b>Szoke G</b> See <b>Marton E</b> ...	195
<b>Stonehill H I</b> Absorption spectra of aminoanthraquinones ...	585	<b>Szuchnik A</b> See <b>Jezewski Z</b> ...	54
<b>Stöckner E</b> See <b>Deutsch R</b> ...	438	<b>Szye-Lewanska K</b> and <b>Urbanaki T</b> Structure of Aniline Black as indicated by infrared absorption spectra ...	54
<b>Stork &amp; Co.'s Apparatenfabrik, Gebr.</b> Automatic control of printing paste feed in screen printing ...	188		
<b>Stout G H</b> and <b>Yates P</b> Structure of mangostin ...	559		
<b>Stoves J L</b> Fibre microscopy—its technique and application (Correspondence) ...	655		
<b>Strain H H</b> Chloroplast pigments and chromatographic analysis ...	874		
<b>Strashnova T T</b> See <b>Dedyukhina L A</b> ...	872		
<b>Stratmann M</b> Qualitative tests for identification of polyamide and polyester fibres with special reference to Rilsan ...	506		
<b>Straus S</b> and <b>Wall L A</b> Pyrolysis of polyamides ...	496		
See <b>Hart V E</b> ...	721		
<b>Strecker F</b> See <b>Schickhardt O</b> ...	811		
<b>Streitzig H</b> See <b>Schurz J</b> ...	724		
<b>Strepikheev A A</b> See <b>Kunyants I L</b> ...	109		
<b>Strimple J H</b> Cobaltous oxide-titanium dioxide system and ceramic colouring stains ...	508		
<b>Stüben H</b> See <b>Schurz J</b> ...	727		
<b>Stüpel H</b> Mode of action of carboxymethylcellulose in washing ...	320		
<b>Subramaniam P</b> See <b>Daruwalla E H</b> ...	296, 326		
<b>Subramanian R V R</b> See <b>Giles C H</b> ...	647, 682		
<b>Sugano T</b> See <b>Muramoto Y</b> ...	446		
<b>Sugiyama I</b> See <b>Nishida K</b> ...	609		
<b>Suito E</b> See <b>Komoda T</b> ...	493		
<b>Sukhomlinov A K</b> Tautomerism of 9-aminoacridine ...	709		
		<b>T</b>	
		<b>Taitel M</b> See <b>Boggs R H</b> ...	75
		<b>Tajiri H</b> Paper electrophoresis of leuco sulphur dyes (Correspondence) ...	861
		See <b>Miguno M</b> ...	65
		<b>Takahama S</b> See <b>Nishida T</b> ...	586
		<b>Takayama H</b> See <b>Haginiwa J</b> ...	787
		<b>Takizawa T</b> See <b>Kobayashi M</b> ...	729
		<b>Tallant J D</b> Automatic ignition and timing of flame in the vertical fire-resistance test ...	448
		<b>Tamura T</b> See <b>Kuyama S</b> ...	196
		<b>Tan K H</b> See <b>Nieuwenhuis K J</b> ...	800
		<b>Tanabe K</b> See <b>Matsubayashi K</b> ...	322
		Numura S ...	359
		<b>Tanaka Y</b> Qualitative test method for non-ionic surface-active agents. Cloud number test ...	887
		<b>Tanabe L J</b> See <b>Herzog H M</b> ...	723
		<b>Tanigyan M Z</b> See <b>Simigin P A</b> ...	492
		<b>Taniguchi Y</b> See <b>Horio M</b> ...	674
		<b>Taniyama M</b> See <b>Oster G</b> ...	327
		<b>Tantivatana P</b> See <b>Angplandu A</b> ...	817



	PAGE		PAGE
Taran P N See Koganovskii A M	49	Tolmachev V N See Lomakina C G	597
Tasker C W See Battista O A	674	Tomaszewski J See Chryczonowicz S	617
Tate J R Quantitative estimation of non-ionic detergents	71	Nickerson D	797, 798
Tatlow J C See Forbes E J	600	Tomimatsu Y See Launer H F	448
Taylor H T Basicities of <i>N</i> -alkylanilines	492	Tomlinson's (Rochdale) Raising machines	188
Taylor J B Water solubilities and heats of solution of short-chain cellulose oligosaccharides	70	Tomoda Y See Kawasaki M	442, 805
Taylor J J Mathematical approach towards proper pigment/paint ratios	203	Tompkins E H and Tompkins L M Design of heat-reflective paints	438
Stabiliser for paints containing non-reactive pigments	496	Tompkins L M See Tompkins E H	438
Taylor J T Non-woven fabrics. Chemical and processing techniques	64	Tonami H Polymerisation of methyl acrylate in allylated cellulose fibres	672
Teague D M, Twiss S B and Weeks W L Electron microscope study of accelerated and natural weathering	505	Tong L K J See Giesmann M C	50
Teale F W J Carotenoid-sensitised fluorescence of chlorophyll <i>in vitro</i>	663	Tongur A M See Pasynskii A G	617
Technicolor Corp. Mordants for acid and direct dyes on film blanks	882	Tonkoshkur O D See Pochinok V Ya	493
Tedder J M Diazonium salts from polyalkylbenzenes, phenol ethers, phenols and aromatic tertiary amines	54	Topin O See Leiber D	717
„ and Theaker G <i>o</i> -Alkylation accompanying direct formation of diazonium salts from phenols	558	Toporets A S Absorption and scattering of light in pigments	789
Diazonium salts from aromatic sulphonic acids, carboxylic acids and nitro compounds prepared by use of mercuric ions as catalyst	54	Torraca G See Schippa G	712
Preparation of diazonium salts from phenols	707	Tough D Hiding power of pigments in paint	878
Teichgraber C Colour fastness to solvent crocking	220	Towne E B See Dickey J B	123
Telesz L A See Johnson C D	858	Toyoda H See Futami A	215
Terenin A N Electronic photoreactions of organic dyes	660	Trail D New wool-like fibres	562
Teren'tev A P See Dombrovskii A V	445	Treiber E See Rehnström J	674
Mogilyanskii	872	Treibs A See Herrmann E	789
Terenzi J F and Trifan D S Hydrogen bonding in polyamides and polyurethanes	563	Hintermeier K	193
Terzizak D See Körbi J	433	Trifan D S See Terenzi J F	563
Teszler O See Campbell P W	798	Tripp V W See Conrad C M	667
Hefti H	439	Moore A T	102, 800
Rutherford H A	496, 609	Peacock C L	323
Textile Institute Cotton fibre maturity test	219	Reese E T	318
Determination of flammability of apparel, household and furnishing fabrics	74	Truss C V Chromatic flicker fusion frequency as function of chromaticity difference	506
Determination of fluidity of linen materials in cuprammonium hydroxide solution	72	Truter E V Quantitative analysis of wool/Terylene blends (Correspondence)	303
Quantitative chemical analysis of binary mixtures of polyamide and other fibres	219	Tscharner C See Eugster C H	874
Quantitative chemical analysis of mixtures of viscose rayon and cotton	219	Tsetlin B L See Rafikov S R	502
Recovery of fabrics from creasing	74	Tsuchiya T See Haginiwa J	787
Textile Machine Works Hosiery inspection form	659	Tsuda Y Phase transition study on mercerisation of cellulose	205
Thaler H Vivid greens based on Phthalogen dyes	105	See Mukoyama S	319
Theaker G See Tedder J M	54, 558, 707	Tsvetkova N A See Opanasenko E P	96
Theander O See Lidman-Safwat S	508	Tuemmler W B and Wildi B S Polymethine dyes	709
Theobald C W See Cairns T L	661	Tullis D & J Spring padding units for textile and garment finishing machinery	188
Theobald Industries Composition providing available chlorine	506	Tundo A Anthraquinone acid and vat dyes	599
Thiel G Dyeing wool/Dralon unions	804	Anthraquinone dyes	493
Thomas E B See Finlayson D	63	Anthraquinone vat dyes	52
Thomas F O, Twiss S B and Weeks W L Role of pigments in weathering of automotive paints	796	Turi C J Analysis of hair dyes	728
Thomas F W See Higginbotham R S	710	Turkovskaya D V See Mosolova E D	507
Thomas H A See Best-Gordon H W	72	Turner H A See e Hallows H B	345
Thomas J See Gagnon P E	567	Turner J C See Peters H W	252
Thomas R J See Neary J P	66	Turaka E See Antezak B	205
Thompson E H See Brooks E H	783	Skwarski T	206
Thompson G See Kenney R A	618	Tweedie A S See Bayley C H	207
Thompson H A See Kaye W I	328	Twiss S B See Teague D M	505
Thomson R H See Hardie R L	402	Thomas F O	796
Thomson R H K See Cater C W	445	Twomey D See Barry V C	432
Thorsen W J Estimation of cortical components of wool	618	Tyler D N and Wooding N S Determination and significance of crystallite size in regenerated cellulose fibres (Communication)	283
Thurl L H See Goodings A C	63	Tyuzo K Relation between viscosity and critical micelle concentration of detergent solutions	608
Tidswell B M See Moore W R	502, 723		
Tigges G See Korff M E	783		
Tilak B D See Mathen M S	790		
Rao S S	51		
Tilleard D L Tolerances in colour matching	115		
Timeil T E Molecular weight of native celluloses	213		
Molecular weight of two seed-hair celluloses	606		
Native hemp, jute and kapok celluloses	318		
Timson E A Controlling tension of cloth, paper, etc. while being drawn off a reel	48		
Tobel H von and Wizinger R Symmetrical flaviocyanines	433		
Tolgyesi E See Asquith R S	68		
Tollin G See Calvin M	711		

## U

Uchida A and Yabe A Microdesorption method for determining adsorption equilibrium and heat of dyeing	219
„ See Kobayashi M	729
Uedaira H See Minekawa K	660
Ueno M See Muramoto Y	446
Ufimtsev V N See Egorova L M	105
Ugelstad J See Jonge J de	443
Ulrich H M Desirable properties of cellulosic fabrics for crease-resist finishing	807
Mercerisation of knitted, cotton fabrics under tension	720
Ulrich P See Pfenniger F	880
Umlauf J See Schuster K	608
Unilever Detergent	785
Improving lathering power of soapless detergents	785
Permanent waving	70

	PAGE		PAGE
<b>Union Carbide Corp.</b>		<b>Vesceřa M</b> See Borecký J	72
Coated titanium dioxide pigments for styrene polymers...	62	<b>Veldhuis B</b> See Gilbert E E	704
Coating fabric with an alkoxy end blocked polysiloxane...	883	<b>Veldsman D P and Wyk T P van</b> Dyeing behaviour of South African wools	716
Combined plasticisers and light stabilisers for vinyl halide polymers	810	„ See Bell J W	85
Dyeing polyacrylic fibres	499	<b>Veljkovic S R</b> Red shifts in spectra of anthracene derivatives...	51
Plasticised and heat and light stabilised vinyl halide polymers	810	<b>Vely V G</b> See Gallagher	115
Plasticisers having heat and light stabilising properties for vinyl halide polymer compositions	503	<b>Venkataraman K</b> Applications of Raney nickel	599
Water-repellent finish	722	<b>Venuto L J</b> Dispersion of carbon black	100
Dyeing acrylic fibres	67	<b>Vereinigte Glanzstoff-Fabriken</b> Linear polycondensate or polymer fibres having antistatic properties	799
<b>Union Oil Co. of California</b> Monosulphoxides having detergent properties	506	Man-made fibres of reduced tendency to acquire an electrostatic charge	668
<b>Union Starch &amp; Refining Co.</b> Caramel	495	Non-gelling solutions of acrylonitrile polymers	558
Colouring dry or powdered foods with caramel	670	<b>Verkade P E</b> See Burgers J	706
Isolating the colouring compounds from caramelised sugar	202	Hoek T C van	706
<b>United Carbon Co. Inc. (Maryland)</b> Carbon black	202	<b>Verma M R</b> See Das R	217
<b>United Kingdom Chemicals</b> Carbon black	715	<b>Vertyulina L N</b> See Malyugin N I	558
<b>United Merchants &amp; Manufacturers</b> Vari-tone cloth dyeing	881	<b>Vescia M</b> Chlorination of wool cheeses	807
<b>United Plastics Industries</b> Embossing thermoplastic film	811	<b>Vickerstaff T</b> Principles of dyeing with reactive dyes	600, 803
<b>United States Rubber Co.</b> Coating nylon fabric	443	Reactive dyes on cellulosic fibres	600
Finishing asbestos cloth	673	Reactive dyes on textiles	803
Pile fabric	70	<b>Victor Chemical Works</b> Flame resistant finish	808
Slip-finish flock-coated rubber article	216	<b>Viertel O</b> Washing of man-made textiles	103
Transfer method of coating fabrics	809	<b>Vifanskii Y K</b> See Gorokhovskii Y M	619
<b>United States Secretary of Agriculture</b>		<b>Vigdochik D V</b> See Cherkinskii B E	48
Aqueous emulsions for flame resistant textiles	786	<b>Vil'dt E O</b> See Sadov F I	710
Carbamoyl ethyl, carboxyethyl and aminoethyl cellulose fibres	879	<b>Vilesova M S</b> See Klebanskii A L	885
Determining textile characteristics	443	<b>Vincent D L</b> See Falconer E L	112
Epoxy resins and polyalkyleneamines for reducing felting properties of wool...	882	<b>Vinogradova S V</b> See Belyakov V M	110, 503
Monazo reactive dyes	55	Korshak V V	110, 810
Nitrilo-methylol-phosphorus polymers and bromine compounds	786	<b>Virgin H M</b> See Gottlieb I M	505
Partial acetylation of cotton	808	<b>Virginia-Carolina Chemical Corp.</b> Insect and rodent repellent	786
Phenylaminoalkylated cellulosic textiles and their chemical modification including colouring	212	<b>Virkala N-E</b> Periodate oxycellulose reduced with sodium borohydride	723
Polyethyleneglycols as detergent assistants	717	<b>Visapää A</b> See Ant-Wuorinen O	444, 723
Preventing wool yellowing	808	<b>Visser H</b> See Burgers J	706
Treating aminoalkylated cellulosic textiles with 8-hydroxyquinoline sulphonic acids and metals forming chelate rings	441	<b>Vittum P W</b> See Brooker L G S	765
Treating cellulose with 2-chloroethylphosphates to impart flame resistance	70	<b>Vix H L E</b> See Gastrock E A	324
Treating cotton sliver with caustic alkali solutions	212	Haydel C H	318, 565, 566
<b>United States Secretary of the Army</b> Enhancing filling power and water-repellency of feathers	732	<b>Vleck B</b> Electrochemical studies of dye-forming coupling	50
Increasing the filling power of hen feathers by treatment with magnesium silicofluoride	888	<b>Vol'kenshtein M V</b> See Sogomonyants Zh S	110
Testing the impregnate content of a fabric	888	<b>Vorob'ena A N</b> See Fedorova N E	498
<b>Universal Winding Co.</b> Continuous processing of thermo-plastic yarns	703	<b>Voronkov M G</b> See Meminov E K	445
<b>Urahata T</b> Colorimetric determination of azoic coupling component and its affinity for cotton	811	<b>Voroshilova N M</b> See Shkol'man E E	504
<b>Urbanski T</b> See Eckstein Z	659	<b>Vorozhtsov N N</b> See Shein S M	787
Szye-Lewanska K	54	<b>Vosters H L</b> Viscose ripening	102
<b>Ure G R</b> See Cater C W	445	<b>Voznesenskii N N</b> See Sadov F I	490
<b>Urquart A R</b> Reactivity of cellulose	615	<b>Vrbacka V and Vrbacký R</b> Dyeing glove leather	70
<b>Urhata T</b> Affinity, heat of dyeing and entropy change of some red cotton dyes	801	<b>Vrbacký R</b> See Vrbacka V	70
<b>Ushenko I K</b> See Gornostaeva S E	789	<b>Vries A J de</b> Foam stability	608
<b>Uyeda N</b> See Komoda T	493	<b>Vvedenskii S A</b> See Afanas'eva T N	497
		<b>Vytasil V and Vytasilová S</b> Zirconia enamels	716
		<b>Vytasilová S</b> See Vytasil V	710
		<b>W</b>	
<b>Vaichunaite B K</b> See Malmind V I	492	<b>Wacker-Chemie</b> Insoluble polyvinyl alcohol threads...	497
<b>Vainshstein F M</b> See Shilov E A	94, 506	Water-repellent finish	60, 213
<b>Valentine L</b> Sorption of moisture by polymers. Effect of crystallinity	505	<b>Wagg R E</b> Evaluation of detergents with reference to laundering	887
See Beaver D K	607	Relation between dirt removal and substrate	800
Lohani B K	807	See Britt C J	65
<b>Valke E I</b> Theory of dyeing cellulosic fibres	321	<b>Wagner H G</b> Aqueous dispersions of carbon black	799
<b>Vallée J</b> Measurement of detergent power	730	<b>Wahl H</b> See Bris M T Le	708
<b>Vanag G Ya</b> See Gudrinetsa E Yu	432	<b>Wahtera W E</b> See Herdle L E	75
<b>Vanderbilt Co. R T</b> Gelatinised cellulosic-complex pigment...	877	<b>Walbel H</b> Continuous piece dyeing	105
Starch-complex pigment	877	<b>Watkins G R</b> Colour removal from azo dye wastes	784
<b>Vandiel V</b> See Bojanovic J	54	<b>Wakham H</b> See Gottlieb I M	505
<b>Vapor A B</b> Water-resistant or repellent finish	882	<b>Walden M K</b> See O'Connell R A	102
<b>Varova S P</b> See Aleksandrova E M	874	<b>Walen E A</b> See Newell I L	888
<b>Vasil'eva G G</b> See Petropavlovskii G A	502	<b>Wall L A</b> See Florin R E	726
		Straus S	496
		<b>Walraven P L</b> See Bouman M A	506
		<b>Walsh K</b> See Fowler J	390
		<b>Walshaw S M</b> See Smith J W	94
		<b>Walther G</b> Glacé kid and glazed sheep leathers...	725
		<b>Walther J B</b> See Dodd E	508
		<b>Walton J</b> Potential alkalinity of dyehouse water (Correspondence)	422
		<b>Walton R R</b> Compressive shrinking	320
		<b>Wandel M</b> See Agster A	328

	PAGE		PAGE
Wannow H A Minimum-iron finishes on rayon and cotton ...	324	Whewell C S Finishing woollen and worsted fabrics ...	565
Ward E R Peter Griess and the Burton breweries ...	787	See Bell J W ...	85
and Wells P R Quantitative treatment of substituent effects in naphthalene system ...	872	Landells G ...	107
See Coulson T M ...	192	Lohani B K ...	807
Ward I M Measurement of hydroxyl and carboxyl end-groups in polyethylene terephthalate ...	116	White A T Rotproofing leather and cellulosic textiles ...	566
Molecular-weight determination in polyethylene terephthalate ...	63	White G S J Education in changing society ( <i>Lecture</i> ) ...	733
See Patterson D ...	116	White H J Tracer techniques in fibre research ...	505
Ward J S Influence of fibre types on dyeing methods ( <i>John Mercer lecture</i> ) ...	813	White R Reducing tendency of textiles to pick up dirt ...	213
See Meldrum K ...	140	White T See King H G C ...	55
Warren Co. S D Cast calendaring supercalendered coated paper ...	567	White W E See MacAdam D L ...	113
Cast-coated paper ...	327	Whitebirk Weaving Co. Screen printing machine ...	870
Coated paper-base planographic printing masters ...	327	Squegee for screen printing ...	323
Drum-finishing coated paper ...	884	Whiteley & Sons W Cropping or raising machines ...	48
Warwick J O X-ray study of compounds formed by basic dyes with acidic oxycelluloses and alginate acid ...	610	Whitener E K See Maltenfort G C ...	730
See Ellis K C ...	674	Whitham C H See Golden J H ...	682
Wäschereiforschung Krefeld e V Wearing and washing trials of non-iron shirts ...	614	Whitman C L Titrimetric determination of sulphamic acid ...	504
Wassermann A See Cooper R E ...	442	Widmer W See Peter M ...	498
Watanabe H See Komoda T ...	493	Wiebush J R See Graham R T ...	613
Watase H See Nitta I ...	96	Wiehart H See Rutherford H A ...	600
Watkins W Dyeing machine ...	658	Wienke R E Empirical derivation of C.I.E. luminosity curve from colour-mixture data ...	113
Watson R See Gardner H A ...	568	Wiesner-Rapp Co. Continuous treatment of warps, cloth, paper, etc. ...	313
Watts B M See Kelley G G ...	76	Wildi B S See Tuemmler W B ...	709
Weale R A Trichromatic ideas in seventeenth and eighteenth centuries ...	76	Wilhelm A Table of fibres ...	797
Weatherburn A S See Bayley C H ...	65, 565	Wilhelm E Dyeing flax and hemp yarn cheeses ...	802
Weaver E R See Dinak A W ...	729	Dyeing zip fastener tapes ...	441
Weber H H Measurement of covering power of white pigments ...	618	Willi A V Field effects and non-electrostatic polar effects of substituents on basicity of phenoxide ion, aniline and <i>NN</i> -dimethylaniline ...	558
Weber K See Skuric Z ...	711	Ionisation constants of substituted <i>NN</i> -dimethylanilines in water and in water-dioxan mixtures ...	558
Webster C T Flammability of thin flexible materials ...	116	Williams & Co. C K Red oxide of iron ...	561
Webster H See Sondhelm W S ...	619	Williamson P K See Grew J E ...	563
Weco Products Co. Nylon rendered bacteriostatic ...	809	Willis C J See Beaumont R H ...	325
Weekler G Pigment dyeing of fabrics with Imperon dyes ...	803	Wilson A See Epstein M B ...	65
Weeks W L See Teague D M ...	505	Wilson A H Impact of man-made fibres upon dyeing industry ( <i>Symposium</i> ) ...	120
Thomas F O ...	796	Wilson J A See Andas F G ...	188
Wegener W Effect of crease resist finish on crease recovery ...	324, 807	Wilson K Cellulose, Determination of intrinsic viscosity in cupriethylenediamine solution ...	75
Wegmann J Chemical reactions with cellulosic fibres ...	718	Wilson W K See Flynn J H ...	616
Constitution and properties of basic dyes on polyacrylonitrile fibres ...	719	Wilson W L See Nemerow N L ...	189
Mechanical dyeing in the laboratory ...	887	Winberg H E See Cairns T L ...	661
Weible K Bleaching with peroxide ( <i>Correspondence</i> ) ...	880	Windemuth E See Gensel H ...	882
Weigel W Colorimetry of fat products ...	888	Winter E Red vegetable dye from chicory ...	662
Weilmann C Chitosan in pigment printing ...	719	Wirpsa Z Chemistry of condensation of commercial urea-formaldehyde resins ...	704
Present trends in Russian manufacturing, dyeing and printing industries ...	718	Wirth H See Bernardy G ...	107, 671
Weingarten R Measurement of redox potentials of vat dyes ...	440	Wise C S See Mohltretter C L ...	730
Weiss E See Heberlein G ...	613	Witekowa S Spectrophotometric analysis of compounds formed by molybdic acid with complex cyanides ...	600
Weiss L C See Burgis A W ...	328	Wittig D Causes of damage to polyamide fibres during bleaching ...	440
Weiss-Berg E and Wixinger R Effect of ring fusion on <i>o</i> -hydroxyazo compounds ...	432	Wizinger R See Tobel H von ...	433
Structure of chrysenequinone phenylhydrazines ...	434	Weiss-Berg E ...	432, 434
Weisz Z Textile flexometer ...	219	Wolf F T Anthocyanin pigment of red cabbage as natural wide-range pH indicator ...	662
Wells P R See Coulson T M ...	192	Wolsey Handling tubular knitted fabric ...	870
Ward E R ...	872	Reducing felting power of wool ...	108
Wenker H Indicator dyes ...	713	Woodcock D See Clifford D E ...	54
Wenzell L P See Lovin L G ...	63	Woodford G C See Chesner L ...	531
Wepster B M Steric effects on mesomerism ...	53	Wooding N S See Tyler D N ...	283
See Burgers J ...	706	Woods E F See Swan J M ...	108
Hoek T C van ...	706	Woods H J $\alpha$ - $\beta$ Transformation in keratin ...	607
Werdenberg H New developments in printing with Cibacron reactive dyes ...	612	Woodward A E See Deely C W ...	63
See Peter M ...	498	Wooldrik G J L Transfers for cloth ...	806
Wert T S See Belcher R ...	217	Wooten W C See Blanton R B ...	110
West T S See Belcher R ...	327, 728	Coover H W ...	322, 886
West Point Manufacturing Co. Comparing dye affinity of textile fibres ...	881	Woppmann A See Schmid H ...	707
Western Electric Co. Coated paper ...	724	Wotherspoon N Photochemistry of thiazine dyes ...	433
Westinghouse Electric Corp. Pigmented siloxane coating compositions ...	62	See Oster G ...	51
Wetlauffer D B Device for forming solution concentration-gradients ...	114	Wrigley Co. W Printing non-absorbent surfaces ...	210
Whaley T P See Gyan J A ...	440	Wronski M See Philipp B ...	507
Whalley W B Nature of homoviteixin ...	493	Wullschlegel & Schwarz Prexa apparatus for washing and milling fastness tests ...	619
Whetstone J Crystal symmetry and adsorption of dyes by growing crystals ...	104	Würr A Continuous dyeing of fabrics of polyamide and polyester fibres ...	105, 321
		Dyeing polyester fibres with Palanil disperse dyes ...	441
		Dyeing Ribsan ...	563
		Dyeing wool/polyester unions with Palanil dyes ...	719
		Thermal stability of polyester disperse dyes on wool ...	804



	PAGE		PAGE
Wyandotte Chemicals Corp. Polyoxyalkylene surface active compounds	785	<b>Z</b>	
Textile size	785	Zabowski J See Chojnacki A	180
Wyckoff H N See Bear R S	508	Zahn H Tendencies in present-day wool research	205
Wydryczki S See Cichowski Z	205	See Hildebrand D	784, 800
Wygod W J Recent developments in carpet dyeing	610	Kessler H	669
Wyk T P van See Veldman D P	716	Zaldes A L See Metlitskaya R A	445
Wyllie M R J See Gardner G H F	609	Zakhar'evskaya I D See Lentovakaya V A	105, 730
Wyszecki G Evaluation of metamerie colours	887	Zakhar'evskii M S See Lentovakaya V A	105, 730
Wyszecki G See Middleton W E K	506	Zalich D T See Bowden S T	96
Sanders C L	113, 506, 888	Zamyatina V A See Bekasova N I	726, 810
Wyszecki G W See Bedford R E	308, 887	Zande L J C van de Silicate-based paint	439
		Zankev V See Appel W	873
<b>Y</b>		Mietzke E	195
Yabe A See Uchida A	210	Zarubitskii A E See Katreiev V N	618
Yablokova S N Preparation of calico and viscose rayon staple twill for level dyeing	498	Zasechkina A P See Korshak V V	111
Yagami K See Kano T	731	Zatsko K See Schwyzer R	885
Yagupol'skii L M See Marenets M S	95	Zauch J Impregnation of yarns for fishing nets	211
Yakobson G G See Kozlov V V	94	Zavel'skii D Z See Grachev I V	431
Yakovlev A D See Drinberg A Ya	446	Lishnevskaya L A	95, 597, 707, 873
Yamada K Dyeing fibres difficult to dye	670	Zechmeister L See Bush W V	663
Yamada S See Kojima H	672	Gansser C	874
Yamaguchi H See Sakaguchi Y	211	Zeller P See Chopard-dit-Jean L H	53
Yamasaki F See Saito K	504	Gutman H	53
Yamasaki K See Saito K	504	Isler O	53, 196
Yampol'skaya E S See Egorova L M	105	Zellstoffverfahrens Highly hydrated degassed papermaking fibres	675
Fodman I V	730	Zettlemoyer A C Pigment-vehicle interface	562, 796
Yano W See Kimura W	886	Zgraggen R Coloured crayons for decorating ceramics	508
Yarwood J I See Barr T	71	Zhbankov R G See Ermolenko I N	616, 718
Yashunskii V G Chelating agents. <i>trans</i> -1:2-Diaminocyclopentane (and butane)- <i>NNN'</i> -tetra-acetic acid	704	Zhdanov G S See Dokunikhin N S	711
Yasuda T Effects of tension and cooling on heat-setting of nylon textiles	672	Gol'der G A	711
See Satō Y	672	Zhidkova Z V See Susa Y M	709
Yates P See Stout G H	559	Zhmurova I N Tautomerism of salts of aminoazo compounds	432
Yavorovskii A A See Kovbuz M A	596	Zhuravlev S V See Gritsenko A N	788
Yeaman M D See Opler A	73	Ziegler H Constitution and colour of formazones	54
Yoda V O Synthesis of surface-active dyes and their properties	493	Constitution and colour of formazones	873
Yokota K See Haginiwa J	787	Ziegler O Remazol reactive dyes	440
Yokote M Condensation of 8-amino-1-aza-anthraquinone with 2-halogenoanthraquinone	599	Zigeuner G See Hoselmann W	726
See Okawa T	599	Zilfle H M See Conrad C M	667
Yokoyama S Resin distribution in resin-finished fabric. Migration of bath solids during pre-drying	671	Zijp J W H Quantitative determination of antioxidants	618
Yorkshire Dyeware & Chemical Co. Ltd. Pattern Cards, etc.	595	Quantitative determination of phenyl-1-naphthylamine, phenyl-2-naphthylamine and phenylenediamine derivatives	75
Yoshida Z Metal-complex salts of dyes	706	Zilahi M See Kelen I	442
Yoshino I Wet strength of paper	673	Oswald L	204
Yurkevich A M See Dombrovskii A V	445	Zimmerl W See Schurz J	616
		Zollinger H See Stamm O A	432, 872
		Zoltán G See Asboth I	708
		Zozulin N A See Ogarev N V	196
		Zukriegel H Milling wool and other animal hairs	443

# Index to Subjects

Vol. 74—1958

For the sake of simplicity and to avoid unnecessary cross references the following system has been adopted—  
Acids, Agents, Dyes, Fibres, Oils, etc. are indexed under the qualifying term. For example Dyes are entered under Acid, Azo, Direct, Disperse, Sulphur, Vat, etc. dyes.

Products described as Artificial, Imitation, Synthetic, etc. are indexed under the noun they describe.

Wherever possible polymeric compounds are indexed together and, in the case of copolymers, one entry only appears with the components arranged alphabetically.

So many systems are adopted for chemical names in the various journals abstracted that, in order to bring together as many as possible, they have, in general, been indexed under the parent group followed by the substituents arranged alphabetically.

	PAGE		PAGE
<b>A</b>		<b>Acrolein</b> fixed in collagen, Colorimetric quantitative estimation	75
<b>Aachen</b> , Chair of textile chemistry	91	<b>Acrylic</b> fibres, Aspects of dyeing ( <i>Symposium</i> )	140
<b>Abrasion</b> resistance, Testing	729	Basic dyes for	209
of a fabric, Apparatus for testing	76	and blends with cellulose fibres, Dyeing	880
of textiles increased by treatment with Werner type complexes	213	Chemistry and technique of dyeing by cuprous ion method	106
tester for fabric	732	Dicoeramidonines as dyes for	602
testing of textiles	811	dyed by cuprous ion method	669
<b>Abstracts</b> ... 48, 93, 187, 313, 420, 401, 557, 595, 658, 703, 783,	870	dyed using a cupric salt-phenyl phenol reaction product	612
<b>Acenaphthenequinone</b> dyes	434	Dyeing	67, 106, 442, 881
<b>Acetal</b> cellulose reactants	613	Dyeing with acid dyes in presence of cupric salt and naphthol compound	805
<b>Acetate</b> Dyes <i>See</i> Disperse Dyes		of good affinity for disperse, basic and vat dyes	799
<b>Acetate</b> fibres, Colouring	208	High-temperature dyeing ( <i>Symposium</i> )	133
<b>Acetates</b> , Reactions in surface films and relation to adsorption by cellulose acetate	104	Increasing affinity for acid dyes	612
<b>Acetylation</b> of cellulose with sulphamic acid as catalyst	809	Mechanism of dyeing with basic dyes	106, 322
of cotton with acetic anhydride vapour	211	<b>Acrylonitrile</b> , Determination in effluents	75
Control analyses of solutions	507	fibres, Assistant for dyeing	805
Heat evolution during	564	vapour, Cyanoethylating cotton by	565
Fibrous, of cotton yarn	613	<b>Activation</b> analysis of fibrous materials	496
Partial, of cotton	808	<b>N-Acyl</b> taurides	785
<b>Achromats</b> parents, Colour vision of	115	<b>Aclamino-aryl-sulphonic</b> acids, Coloured salts with diazonium bases	873
<b>Acid</b> , phosphatase, Detection	75	<b>Adams-Nickerson</b> equation, Nomograph for calculating colour differences using	76
<b>Acids</b> , Titration of mixed	116	<b>Adhesion</b> of polyvinyl chloride to textiles, Improved	809
<b>1:2:4 Acid</b> , Diazotisation	712	<b>Adhesive</b> FD Ciba ( <i>Ciba</i> ) ( <i>Pattern Card</i> )	594
<b>Acid Dyes</b> , Anthraquinoid, for nitrogenous fibrous materials	670	for non-woven fabrics, Dextran xanthate	94
Blue anthraquinone levelling	791	and polyethylene terephthalate, Improving bonding power between	568
Diffusion in polyamide fibres	208, 499	<b>Adsorption</b> equilibrium and heat of dyeing, Microdesorption method for determining	219
Dyeing filament nylon with	611	isotherms from solutions, Classification	801
Dyeing properties of azo	669	<b>Affinity</b> of synthetic fibres for dyes increased	66
fast to light on wool piece goods ( <i>Gy</i> ) ( <i>Pattern Card</i> )	311	<b>Ageing</b> , Artificial, of cotton fabrics dyed with sulphur black	105
having an indazole residue, Metal complex monoazo	875	studies, Arrhenius equation in accelerated tests, Accelerated, for latex-backed fabrics, Need for standardising	806
Milling, Continuous dyeing of wool with ( <i>Lecture</i> )	746	<b>Ager</b>	75
Monoazo, having an N-(halogenoacyl)-sulphonamide group	560	<b>Aician</b> dyestuffs, Dyeing wool/cellulose unions ( <i>ICI</i> ) ( <i>Pattern Card</i> )	703
Orange disazo, from bis(aminopyrazole) derivatives	435	<b>Alcohols</b> , Fatty, Colorimetric determination	869
Paper chromatography	728	<b>Aldrin</b> residues, Persistence in sheep fleece	886
Sulphonated N,N'-dimethyl-4:4'-arylamino-indanthrones	599	<b>Alginate</b> based sizes, Removal	720
<b>Acidity</b> in cellulose, Estimation	507	<b>Alginates</b> in textile industry. Salts and derivatives of alginic acid	440
<b>Acrafix</b> WEC ( <i>FBy</i> ) ( <i>Pattern Card</i> )	311	<b>Alkali</b> attack, Protecting oxidised cellulose fibres from	784
<b>Acrafloc</b> WEC ( <i>FBy</i> ) ( <i>Pattern Card</i> )	311	<b>Alkoxide</b> groups, Estimation in water-free alkali celluloses	884
<b>Acramin</b> Black FPV ( <i>FBy</i> ) ( <i>Pattern Card</i> )	781	<b>o-Alkoxy-o'-hydroxyazo</b> compounds, 1:2 Metal-complex dyes for wool, nylon, etc., from	819
Bordeaux FPVR ( <i>FBy</i> ) ( <i>Pattern Card</i> )	311	<b>Alkoxy</b> groups, Determination in presence of N-methyl groups	560
Navy Blue FB ( <i>FBy</i> ) ( <i>Pattern Card</i> )	311	<b>Alkyl</b> acrylates, Preparation and properties of trimers	728
Orange FGRL ( <i>FBy</i> ) ( <i>Pattern Card</i> )	311	methacrylates, Preparation and properties of trimers	446
Turquoise FB ( <i>FBy</i> ) ( <i>Pattern Card</i> )	311	<b>Alkylation</b> of $\epsilon$ -caprolactam and aliphatic diamines by catalytic dehydration	446
Yellow F5G ( <i>FBy</i> ) ( <i>Pattern Card</i> )	311	<b>Alsace</b> , Research and technical education in	502
<b>Acridine</b> , 9-Amino-, Tautomerism	709	<b>Aluminium</b> alkoxides, Complex	772
dyes, Electron states of stable and metastable molecules	195	Anodised, Production of multicolour effects on	101
Orange, Reversible complex with heparin	873	articles, Corrosion resistant coatings of uniform colour	612
<b>9-Acridine</b> carboxaldehyde arylhydrazones, Indicator properties	873	articles, Electrochemical surface decoration	888
<b>Acrilan</b> and Acrilan 16	564		441
Azolic black on ( <i>ICI</i> ) ( <i>Pattern Card</i> )	312		
fibre, Dyeing ( <i>Lecture</i> )	629		
Dyeing ( <i>ICI</i> ) ( <i>Pattern Card</i> )	783		
Mode shades on ( <i>ICI</i> ) ( <i>Pattern Card</i> )	782		
Properties and uses	320		
Two-colour effects on	564		
and wool/Acrilan blends, Dyeing ( <i>Symposium</i> )	158		
Wool blends, Dyeing ( <i>Symposium</i> )	151		

	PAGE
<b>Aluminum—continued</b>	
flake pigments, Determination of specific surface of	
leafing ... ..	218
foils, Printed or lacquered ... ..	806
plates, storage ... ..	101
replicas of fibre surfaces for light microscopy ... ..	328
silicate as rubber pigment ... ..	562
Vitreous enamel coatings on ... ..	878
<b>American Dyestuff Reporter 40 years old</b> ... ..	38
<b>Amides and formaldehydes, Kinetics of reaction between</b> ... ..	443
<b>Amines, Aromatic, Diazotisation in carboxylic acid buffers</b> ... ..	431
Kinetics of bromination ... ..	430
Oxidation by perphosphoric acids ... ..	192
Polarographic reduction of diazotised ... ..	872
Ultraviolet absorption spectra, molecular refractions, rates of reaction, and basic strengths ... ..	53
Carcinogenic aromatic, Persulphate oxidation ... ..	430
Preparation ... ..	314
Primary aromatic, Preparation of azo compounds from ... ..	872
Production of diazotisable, in finely-dispersed form, for application to cellulose acetate and nylon ... ..	197
<b>tert Amines, Reaction with quinones</b> ... ..	193
<b>Amino group in aminoazo dyes, Hydrolysis and ammonolysis.</b>	
Effect of bisulphite ... ..	708
<b>Aminoanthraquinone, Absorption spectra (Correspondence)</b> ... ..	585
compounds. Absorption spectra in solution and in solid state (Communication) ... ..	401
Photochemistry of dyed polymer films ... ..	408
Photochemistry in solid state ... ..	415
<b>Aminoazo compounds, Tautomerism of salts</b> ... ..	432
<b>dyes, Hydrolysis and ammonolysis of amino group.</b>	
Effect of bisulphite ... ..	708
<b>Aminoazobenzene, Dimethyl-, Fluorine-containing derivatives</b>	
4-Dimethyl-, <sup>14</sup> C-labelled ... ..	707
dyes, Physical properties ... ..	314
Physical properties. Position of proton addition ... ..	432
<b>4-Aminoazobenzene, Chemical transformation by U.V. light</b>	
dyes in ethanol, Absorption spectra ... ..	314
-N-sulphonates, Indicator properties ... ..	95
<b>6-Aminocarbostyryls as intermediates for azoic and azo dyes</b>	
<b>Aminophenothiazines, substituted, Synthesis</b> ... ..	710
<b>Aminoplast condensates, Stable solid water-soluble</b> ... ..	786
precondensate for treating cellulosic textiles ... ..	659
<b>2-Aminothiazoles, Azo and mercurated azo derivatives</b> ... ..	559
<b>Ammonium sulphate, Adsorption of dyes by</b> ... ..	104
<b>Analysis, Abstracts...</b> 71, 111, 217, 327, 446, 503, 568, 618, 676, 727, 811, 885	
<b>Analytical reviews</b> ... ..	728
... and inwardly digest (Lecture) ... ..	458
<b>Aniline, N-Alkyl-, Basicities</b> ... ..	492
Black dyeing, Reducing volatility of aniline in ... ..	669
Black, Structure as indicated by infrared absorption spectra ... ..	54
N-Butyl-N-methyl, Nitrosation and coupling ... ..	706
Catalysis by anions of strong acids in diazotisation in dilute perchloric acid ... ..	431
o-Chloro-, Catalysis by anions of strong acids in diazotisation in dilute perchloric acid ... ..	431
o-Chloro-, Hydrogen-ion catalysis in diazotisation in dilute perchloric acid ... ..	431
Di- and tri-substituted, Apparent dipole moments ... ..	94
Diazotisation in dilute perchloric acid ... ..	431
Field effects and non-electrostatic polar effects of substituents on basicity ... ..	558
Pentafluoro- ... ..	660
<b>Anionic dyes based on α-naphthylamine → β-naphthol, Equilibria on nylon</b> ... ..	611
dyes for dyeing filament nylon (Ciba Clayton Ltd) (Pattern Card) ... ..	780
<b>Anionics, Rapid semimicro determination in presence of non-ionics</b> ... ..	886
<b>Anatto seeds, Oil extraction of bixin from</b> ... ..	796
<b>Anthocyanidins, Conversion of flavanols into</b> ... ..	55
<b>leuco-Anthocyanins, Advances in identification</b> ... ..	504
<b>Anthracene derivatives, Red shifts in spectra</b> ... ..	51
Meerwein arylation ... ..	493
<b>Anthraquinone</b> ... ..	600
Acylamino-amino ... ..	792
1:5- and 1:8-Acylamino-hydroxy- ... ..	105
1-Amino-2:4-dibromo-, Reaction with arylamines ... ..	52
α-Amino-N-phenylglycyl derivatives ... ..	790

<b>Anthraquinone—continued</b>	
1-Benzoylamino-4-p-benzene-azo-anilino-2-methyl-derivatives, Use of aluminium chloride in characterisation ... ..	493
1:4-Dianilino-, Coplanarity and conjugation ... ..	711
1:4-Dimethylamino-, Coplanarity and conjugation ... ..	711
1:4-disulphenic and 1:4-diselenic acids ... ..	873
1:5-disulphenic acid, Synthesis ... ..	873
2:6-disulphenic acid, Phototendering by ... ..	802
o-Hydroxy, Copper complexes as dispersal dyes ... ..	99
Hydroxydianilino- ... ..	52
Hydroxydiaamino compounds ... ..	493
Quantitative estimation of influence of substituents on absorption spectra of planar molecules ... ..	434
Sulphonated acylamino-, from 2:5-furandicarboxylic acids and terephthalic acids ... ..	52
sulphonic acids, Identification ... ..	72
<b>Anthraquinone Dyes</b> ... ..	80, 190, 493
Acid ... ..	99, 190
and intermediates ... ..	436
Reactive ... ..	792
substantive ... ..	199
for wool and polyamide fibres ... ..	60
<b>9-Anthracic acid, Meerwein arylation</b> ... ..	493
<b>Antibacterial cellulosic material</b> ... ..	326
<b>Anti-felting reaction for wool, Chemical</b> ... ..	108
<b>Antihalation layers, Dyes for</b> ... ..	317
<b>Anti-laddering composition</b> ... ..	786
<b>Antimony compounds for flameproofing</b> ... ..	823
<b>Antioxidants, Quantitative determination</b> ... ..	618
<b>Antistatic composition, Silicon-containing</b> ... ..	190
and easy-wetting finish ... ..	705
finish ... ..	500, 883
fast to washing and dry-cleaning ... ..	882
and improved dyeing properties of hydrophobic textiles ... ..	672
for synthetic fibres ... ..	108, 190
lubricant for organic derivatives of cellulose properties, Linear polycondensate or polymer fibres having ... ..	705
... ..	709
<b>Antistatic agent</b> ... ..	705, 786
for hydrophobic staple fibres ... ..	190
Relation between constitution and activity ... ..	429
for use on hydrophobic man-made fibres ... ..	705
Werner complexes as ... ..	93
<b>Apparatus, Abstracts</b> 71, 111, 217, 327, 446, 503, 568, 618, 676, 727, 811, 885	
<b>Arachin molecule</b> ... ..	445
<b>Arilid production ceased in 1957</b> ... ..	39
<b>Arilid process for protection of textiles against micro-organisms</b> ... ..	324
<b>Arnel/cotton unions and combinations with other fibres, Reserve effects</b> ... ..	670
<b>Aromatic compounds, Condensed, Light absorption</b> ... ..	662
<b>Arsenic in detergents</b> ... ..	704
<b>Artisil colours on Acrilan yarn (S) (Pattern Card)</b> ... ..	312
<b>2-Arylamino-4-(2'-thienyl)-thiazoles and their azo and mercurated derivatives, Preparation</b> ... ..	315
<b>N-Aryl-2-β-anilinoquinolinyl derivatives, Synthesis</b> ... ..	788
<b>S-Arylthioglycollic acids, Synthesis</b> ... ..	434
<b>Asbestos cloth, Finishing</b> ... ..	673
Synthetic ... ..	874
<b>Asociacion Argentina de Quimicos Textiles y Coloristas</b> ... ..	305
<b>Association International de la Teinture Textile</b> ... ..	91
Annual congress ... ..	697
Report on sixth congress ... ..	184
<b>Astrazon Yellow 7GLL (FBy) (Pattern Card)</b> ... ..	311
<b>Auramine, Derivatives of leuco</b> ... ..	200
<b>Aurantiacin, Pigment of <i>Hydnium aurantiacum</i></b> ... ..	712
<b>Austria, Two centuries of textile education in</b> ... ..	698
<b>Authors of Papers, Notice to</b> ... ..	2
<b>Automation with process instruments</b> ... ..	783
<b>Automobile finishes, Electron microscope study of accelerated and natural weathering</b> ... ..	505
<b>Autotypy, Molré in colour reproduction of three-colour</b> ... ..	210
<b>Autoxidation, Pyridine-cuprous chloride complex as catalyst</b> ... ..	872
<b>Auxiliaries, Standardisation of test methods for</b> ... ..	728
Textile ... ..	659
<b>Auxiliary agents, Nitrogenous condensates</b> ... ..	190
products, Abstracts ... 49, 93, 189, 314, 429, 491, 557, 595, 659, 704, 784, 870	
Quaternary ammonium derivatives of unsaturated esters and amides and polymers thereof ... ..	659



	PAGE		PAGE
<b>Azelaic acid aldehyde, Acetalisation of polyvinyl alcohol with</b>	325	<b>Barriness of colour in textile fabrics from synthetic fibres</b>	880
<b>Azine Dyes, structure from arylsulphonyl derivatives of m-di-</b>		<b>Baryta coatings, Rapid setting</b>	502
<b>amines of the benzene series</b>	710	<b>Basic Dyes, Increasing affinity of cellulosic fibres for</b>	615, 814
<b>Azo compounds, Halogen replacement in</b>	872	<b>Mechanism of dyeing acrylic fibres with</b>	322
<b>„ o-Hydroxy-o'-alkoxy, Simultaneous dealkylation and</b>		<b>Monoazo, for polyacrylonitrile fibres</b>	876
<b>chelation with copper</b>	706	<b>in photography, Mordanting</b>	442
<b>„ Preparation from primary aromatic amines</b>	872	<b>for polyacrylonitrile, etc., Quaternary ammonium salts of</b>	
<b>coupling, mechanism</b>	707	<b>monoazo compounds</b>	560
<b>couplings at relatively high temperatures</b>	197	<b>„ fibres, Constitution and properties</b>	719
<b>Phthalocyanine dyes, Chromable</b>	791	<b>„ fibres, etc., Quaternary ammonium salts of N-</b>	
<b>Azo Dyes of 3-amino-4'-bisdimethylaminobenzophenone</b>	50	<b>heterocyclic monoazo dyes as</b>	435
<b>from N-(4-aminobenzoyl)-p-phenylenediamine</b>	50	<b>Quinophthalone</b>	792
<b>from aminocarbanilides</b>	597	<b>X-ray study of compounds formed with acidic oxy-</b>	
<b>from citrus flavanones as wood stains</b>	790	<b>celluloses and alginic acid by</b>	610
<b>containing central 1:4- and 1:5-naphthylenedisazo</b>		<b>Basolan Fast Blue FRL (BASF) (Pattern Card)</b>	863
<b>systems, absorption spectra</b>	708	<b>Beam on which fabric is wet processed</b>	188
<b>Covalently bound (Correspondence)</b>	857	<b>Beet, Red, Pigment of</b>	790
<b>Direct, for aftercoupling</b>	98	<b>3:4-Benzacridine, Polymethylated homologues</b>	195
<b>Direct, Phosphated metallisable</b>	59	<b>Benzamides, 2:4-Dicarboxyalkoxy, derivatives as colour</b>	
<b>Formation of micelles</b>	104	<b>developers</b>	712
<b>from furoylacetanilides and <math>\beta</math>-naphthothiazole</b>	787	<b>Benzanthronimide Green vat dyes</b>	665
<b>Glucoside</b>	198	<b>Benzene, Alkylated, High-boiling</b>	704
<b>from o-hydroxy-o'-sulphazo compounds, Metal-complex</b>	316	<b>Azoxy-, Reaction mechanism of formation</b>	492
<b>Interaction of polyvinylpyrrolidone with</b>	105	<b>Chloronitro-isomers, Quantitative analyses</b>	446
<b>from luminol</b>	873	<b>Diazamino-, Phenylation with</b>	492
<b>Macromolecular</b>	788	<b>1:4-diazo-oxide, 3:5-Dibromo-, Thermal decomposition</b>	492
<b>of naphthalene series, Mechanism of diazo exchange</b>	872	<b>diazosulphonate, p-Methoxy, Chemical effect of light</b>	707
<b>New class containing phosphorus</b>	193	<b>disulphonic acids, Isomerisation</b>	430
<b>Oxidation to diazo compounds</b>	51	<b>1-Fluoro-2:4-, Molecular rearrangement in reaction with</b>	
<b>Phenylenediamine systems as separating components</b>	598	<b>cysteine</b>	445
<b>Pyridobenzimidazol</b>	58	<b>p-Nitrochloro-, Determination in o-nitrochlorobenzene</b>	504
<b>from substituted 2-aminothiophenes (Symposium)</b>	123	<b>sulphonic acids, Chloro-, Isomers</b>	430
<b>Sulphonated, Adsorption by chitin from aqueous</b>		<b>Triazole-, Syntheses and reaction</b>	51
<b>solution (Communication)</b>	682	<b>Benzhydrazide diazotisation</b>	787
<b>Thianthren, for wool</b>	493	<b>Benzidine, A.B.C.M. report on determination</b>	72
<b>of thio- and dithio-amino derivatives</b>	50	<b>3-Bromo- and 3:3'-dibromo- as redox indicators</b>	727
<b>with a triazine ring, Metal complex wool</b>	790	<b>group, Use as separating component in synthesis of azo</b>	
<b>for wool and nylon, Insoluble chromium-complex</b>	98	<b>dyes</b>	193
<b>yellow component in benzidine</b>	598	<b>-phenol-naphthalene ternary system</b>	95
<b>Yellow components and use of benzidine group as</b>		<b>Preparation using aliphatic alcohols as reducing agents</b>	314
<b>separating component in synthesis</b>	193	<b>Sulphonated bis(naphthothiazoles) from</b>	194
<b>Azobenzene, Amino-, Dyes, Physical properties</b>	558	<b>sulphone, sulphonated bis(naphthothiazoles) from</b>	194
<b>Azoic combinations in continuous dyeing and discharge</b>		<b>Thermal analysis of binary systems with phenols and</b>	
<b>printing</b>	321	<b>naphthols</b>	94
<b>compositions</b>	199	<b>yellow pigments</b>	597
<b>compositions, Printing with</b>	564	<b>Benzilia Chemistry of</b>	789
<b>dyeing on cellulose derivatives, Aftertreatment</b>	66	<b>Benzimidazolocyanine dyes</b>	201
<b>dyeing of nylon</b>	321	<b>Benziminazole, 1:2-Dimethyl-, Monoazo dye derivatives</b>	708
<b>pigments, Paper chromatography of reduction product</b>	811	<b>disazo dyes, substantivity</b>	708
<b>Azoic Coupling Component, Colorimetric determination and</b>		<b>Benziminazolone, Amino derivatives</b>	708
<b>affinity for cotton</b>	811	<b>Benzo Fast Copper Brown RTL (FBY) (Pattern Card)</b>	311
<b>Derivatives of m-trifluoromethylaniline and fluoro-</b>		<b>3:4-Benzocarbazole, Polymethylated homologues</b>	195
<b>substituted naphthol AS</b>	493	<b>Benzoic acid, Diazamino-, Thermal decomposition</b>	50
<b>Identification by microsublimation</b>	504	<b>„ 2:4-Dinitro-, Colour of arylamides</b>	95
<b>Paper chromatography</b>	811	<b>„ 2-Nitro-4-bromo-, Nitration</b>	872
<b>Azoic Dyes, Developments in application (Lecture)</b>	640	<b>Benzophenonesulphone-2-carboxylic acids, 1-Amino-, or their</b>	
<b>Dyeing cellulose triacetate with</b>	564	<b>esters</b>	55
<b>Dyeing organic derivatives of cellulose blue with</b>	441	<b>Benzopurpurine 4BKK, Concentrated, Dyeing properties</b>	609
<b>Improved fastness</b>	499	<b>o-Benzoquinone, Dimer</b>	599
<b>Neutrogene, in printing</b>	805	<b>Benzoselenazole, Reaction products of methylene bases with</b>	
<b>Use of o-(o-carboxyphenylamino)-aliphatic acids in</b>		<b>alkyl halides</b>	433
<b>preparing triazines for</b>	602	<b>Benzothiazole, Reaction products of methylene bases with</b>	
<b>by use of furoyl coupling components</b>	192	<b>alkyl halides</b>	433
<b>Red</b>	59	<b>Berlin Blue, Finely divided</b>	605
<b>Triazines from N-substituted-5-sulphoanthranilic acids</b>	60	<b>Betanin</b>	790
<b>Weathering fastness (ICI) (Pattern Card)</b>	312	<b>Biguanide condensates for improving the dyeing of cellulosic</b>	
<b>Yellow and orange</b>	435	<b>and polyamide fibres</b>	705
<b>Azomethine dyes for wool and nylon, Insoluble chromium-</b>		<b>as rot and mothproofing agent</b>	190
<b>complex</b>	98	<b>Binders, Synthetic resinous, for pigment padding and printing</b>	
<b>Azomethine, Phenomena of colour</b>	874	<b>compositions</b>	209
<b>-o-Azophenol complexes, Copper</b>	51	<b>Birefringence, Use in determining fibre structure and investi-</b>	
<b>Azophosphonic acid esters</b>	875	<b>gating dyeing faults</b>	508
<b>Azorhodanines, Preparation</b>	708	<b>Bisamides, N,N'-Arylmethylene, Condensations with phenols</b>	
		<b>and naphthols</b>	54
		<b>Bisazo dyes from m- and p-aminobenzoyl derivatives of</b>	
		<b>benzidine and 2:2'-dimethylbenzidine</b>	95
		<b>„ from condensations of diazo compounds with salts of</b>	
		<b>N-arylquinadines</b>	788
		<b>Blacyanines of the thiazole series</b>	662
		<b>Bis(Naphthothiazoles), Sulphonated</b>	194
		<b>Bis-styryls of the thiazole series</b>	662

## B

<b>Bactericidal detergents</b>	557
<b>Bactericides for use in sheepskin soaking pits</b>	725
<b>Bacteriochlorophyll, structure</b>	662
<b>Bacterioisotactic nylon</b>	809
<b>Ban-Lon</b>	63
<b>Barium borates as preservatives for paint films</b>	878



	PAGE		PAGE
<b>Carotenoid compounds as food dyes</b> ... ..	107	<b>Cellulose—continued</b>	
food dyes ... ..	874	filaments, Influence of coagulation baths... ..	63
New synthesis of symmetrical ... ..	196	Fine structure ... ..	326
Synthesis ... ..	663, 875	Hydrolysis and relation to structure ... ..	674
all- <i>trans</i> - ... ..	493	Hydroxyethyl-, Heterogeneity of substitution in ... ..	674
<b>Carpet, Back-sizing</b> ... ..	68	Imparting affinity for basic dyes ... ..	615
dyeing developments ... ..	610	Infrared spectrophotometric analysis ... ..	114
pile, Printing and dyeing ... ..	881	Kinetics of oxidation with nitrogen dioxide from absorption spectra of the products ... ..	616
trade, Recent developments in dyeing ( <i>Lecture</i> ) ... ..	677	Liberation of carboxyl groups in ... ..	444
Tufted, Skein shading for ... ..	880	Limiting degree of polymerisation... ..	444
Viscose rayon tufted, Printing ( <i>ICI</i> ) ( <i>Pattern Card</i> ) ... ..	783	of low degree of polymerisation, Rapid fractionation ... ..	214
<b>Carrier for Dacron dyeing, Evaluation</b> ... ..	887	Mechanism of oxidation by periodate ... ..	214
LB ( <i>Courtaulds Ltd.</i> ) ( <i>Pattern Card</i> ) ... ..	781	Methyl-, from sodium cupricellulose ... ..	444
<b>Casein coatings, Fixation by gaseous formaldehyde</b> ... ..	215	Methylated, Distribution of methoxyl groups ... ..	809
containing lithographic coating ... ..	881	Modified, Adsorption of reactive dye by ( <i>Communication</i> ) ... ..	296
Reactions with dyes and aromatic solutes and their relation to adsorption by protein fibres... ..	498	" Determination of carbonyl groups in. Comparison of borohydride and copper number methods ... ..	508
<b>Catalysts, Alkaline earth carbonate, High-molecular-weight polymers of ethylene oxide polymerisation</b> ... ..	568	" Fixation of reactive dyes on ( <i>Correspondence</i> )... ..	584
<b>D-Catechin, Colorimetric determination</b> ... ..	728	Molecular weight of native ... ..	213
<b>Cellulose acetylation with sulphamic acid as catalyst</b> ... ..	809	" weight of two seed-hair ... ..	606
Adsorption of dyes and other solutes by ... ..	846	molecule, Effect of carboxylic groups on stability of glucoside linkage ... ..	809
Alcoholate content in water-free sodium ... ..	74	monofibrils, Adsorbed metal ions on surface ... ..	674
Alkali, attack of molecular oxygen... ..	444	nitrate, Chemistry of unstabilised... ..	326
" Estimation of alkoxide groups ... ..	809	" Interaction with organo-silicon compounds ... ..	444
" Reaction with carbon diselenide ... ..	674	" in lacquers, Direct colorimetric determination... ..	448
Alkaline solutions of iron-tartrate acid complex as solvents ... ..	674	" Relation between sulphate and nitrogen content ... ..	326
Aminoalkylated-textiles treated with 8-hydroxyquinoline sulphonic acids and metals forming chelate rings ... ..	441	" Unstabilised, Determination of sulphate acid ester in ... ..	507
analysis, International committee ... ..	699	" Unstabilised, Influence of water concentration on hydrolysis in acetone-water solution... ..	567
Carboxymethyl-, Colorimetric determination of glycolate and derivatives, Structure ... ..	214	" Unstabilised, slurry titrations ... ..	568
" Evaluation of polydispersity by characteristic <i>P-D</i> curves ... ..	724	Organic derivative, Fast dyeings and prints on ... ..	106
" Mode of action in washing ... ..	320	Oxidation reactions studied by infrared spectroscopy ... ..	616
" Optical investigations ... ..	444	Oxidised, Investigation of dyeing by infrared spectroscopy ... ..	718
" Sodium, Preparation ... ..	728	Partially methylated, Distribution of methoxyl groups... ..	616
Chain-length breakdown by acetic-acid solutions of water and sulphuric acid ... ..	566	Partly methylated, Distribution of substituents in phosphates as ion exchangers ... ..	327
" Relation to intrinsic viscosity ... ..	114	pulp, Relation between brightness reversion and carbonyl content ... ..	673
chemically modified for flame resistance ... ..	565	Rapid determination of molecular weight distribution by precipitation method ... ..	731
Chemistry of degradation ... ..	109	Reactivity ... ..	615
cloths, Regenerated, Increasing strength, flex life, and air permeability ... ..	721	" of lower aliphatic anhydrides toward hydroxyl groups ... ..	723
Comparative reactivity of hydroxyl groups ... ..	616	Reducing ash content ... ..	498
Cotton, Decrystallisation ... ..	566	Regenerated, containing vinyl polymers, Moisture relations ... ..	107
cross-linkers, Dialdehydes as ... ..	613	" Prevention of yellowing in presence of heat and moisture... ..	808
in -cupriethylenediamine, Determination of intrinsic viscosity ... ..	448	" Resistant to discolouring ... ..	879
Damage caused by sodium formaldehyde-sulphoxylate-hydrogen peroxide ... ..	499	Replacing hydroxyl groups in ... ..	567
degradation in air ... ..	616	resins in coatings, Determination by colorimetric analysis ... ..	448
" by alkali cooking ... ..	326	Sodium carboxymethyl-, Preparation by multistage etherification ... ..	675
" by aqueous sodium hydroxide at 170°C. ... ..	214	Soluble products and alkali-stable residue from action of sodium hydroxide... ..	103
" in a vacuum by U.V. radiation ... ..	616	solutions, Effect of velocity gradient and cellulose concentration on viscosities ... ..	674
derivatives, Characterisation by X-ray diffractometer ... ..	114	solvent systems, Thermodynamic properties of secondary stabilisation against alkaline degradation... ..	205
" Intrinsic viscosities ... ..	502	Structure by alcoholysis ... ..	114
" receptive to printing inks ... ..	502	swelling measured by benzene retention ... ..	75
" Thermodynamic properties of dilute solutions ... ..	723	Symposium on chemistry ... ..	771
Determination of carboxyl groups in ... ..	116	Systemic absences in X-ray diagram ... ..	674
" of degree of polymerisation from viscosity data in benzytriethylammonium hydroxide... ..	731	transformations at elevated temperatures. Effect of addition of glucose on formation of laevoglucosan ... ..	501
" of intrinsic viscosity in cupriethylenediamine solution ... ..	75	triesters, Textiles, Setting in three dimensional form ... ..	722
Dissolution in quaternary ammonium bases ... ..	109	trinitrate in solution, Molecular size and configuration... ..	675
dissolved in mercerising liquor, Destruction of ... ..	214	Work on mechanism of thermal degradation ... ..	614
Effect of alkaline treatment... ..	723	xanthate, Attempted location of substituents ... ..	112
" of cellulose on degree of polymerisation ... ..	318	" dilute solutions, Viscosity measurements ... ..	214
" of $\gamma$ -radiation ... ..	214	" gels, Actions of bivalent cations on ... ..	879
" of water removal on crystallinity ... ..	674	" of low degree of substitution, Fibres from ... ..	502
Estimation of acidity ... ..	507	" Methylation ... ..	328
Ethyl, Ageing and thermo-oxidational decomposition ... ..	809	" Partly substituted, Xanthate groups in ... ..	214
" Hydrodynamic characteristics and degree of polydispersity ... ..	674	xanthation ... ..	809
fibres, Aminoethyl ... ..	879	<b>Cellulose I, Polarised infrared spectra</b> ... ..	501
" Carbamoyl-ethyl ... ..	879	<b>Cellulose Acetate, Applying vat dyes to</b> ... ..	323
" Carboxyethyl ... ..	879	cloths having good resistance to development of differential lustre effects ... ..	722
" Hydrated, Structure ... ..	496		
" Regenerated, Determination and significance of crystallite size ( <i>Communication</i> ) ... ..	283		
" Weak points in chains of natural ... ..	109		



	PAGE		PAGE
<b>Cellulose Acetate—continued</b>		<b>Chitin—continued</b>	
Dyeings of good wash fastness on ...	499	Constitution and adsorption of inorganic and organic acids from aqueous solution ( <i>Communication</i> )...	647
Effect of acetyl group content on properties of solutions...	675	<b>Chitosan</b> in pigment printing ...	719
fibres, Coloured ...	497	<b>Chlorantine</b> Fast dyes on spun viscose rayon piece goods ( <i>CDC</i> ) ( <i>Pattern Card</i> ) ...	311
„ Imparting affinity for acid dyes to ...	608	Fast dyes on yarn and piece goods ( <i>Ciba</i> ) ( <i>Pattern Card</i> ) ...	310
„ Sorption of moisture ...	607	<b>Chlorendic acid</b> as dispersing agent in preparing aqueous dispersions of polyfluoroethylenes ...	49
Interfacial film phenomena in dyeing ...	208	<b>Chlorination</b> of wool cheeses ...	807
Reactions in surface films of acetates and ketones, and their relation to adsorption by ...	104	<b>Chlorine</b> , Composition providing available ...	596
solutions, False viscosity in ...	114	dioxide, Inhibiting corrosion of stainless steel by ...	313
Swelling and cavity formation in secondary ...	616	„ Reaction with lignosulphonic acid ...	65
Thermodynamic properties of dilute solutions ...	502	Resin finish having no tendency to absorb ...	721
<b>Cellulose Ester</b> plastics, Organic copper compounds for stabilising to weathering ...	884	retention by and damage to resin treated fabrics ...	807
Polynitriles as plasticisers for ...	884	„ of cotton finished with dimethylethyleneurea, Effect of laundering ...	614
Thiourethanes of ...	214	„ by resin finishes on cotton ...	74
<b>Cellulose Esters and Ethers</b> , Vat dyeing ...	670	<b>Chlorites</b> , Inhibiting corrosion by ...	669
<b>Cellulose Ethers</b> , Dimethyl sulphoxide as solvent ...	445	<b>Chlorophyll</b> and its analogues in presence of deuterium oxide, Mechanism of sensitisation of redox reactions using ...	711
Insolubilised ...	558	derivatives, Primary photoreduction products ...	712
<b>Cellulose Triacetate</b> blends, Pad-steam for ...	441	Photochemical oxidation by oxygen ...	789
cloth, Finishing ...	673	Separation by paper and cellulose column chromatography ...	812
/cotton unions and combinations with other fibres, Reserve effects on ...	670	from spectral properties of living leaf, Inadequacy of concept of fluorescent and non-fluorescent ...	711
Dyeing with azoic dyes ...	564	in its triplet state, Interaction with oxygen, carotene, etc. ...	434
fabrics, Finishing with particular reference to setting, embossing and pleating ...	842	in <i>vitro</i> , Carotenoid-sensitized fluorescence ...	663
fabrics, setting ...	722	<b>Chloroplast</b> pigments and chromatographic analysis ...	874
Factors influencing crystal structure ...	675	<b>Chlorous acid</b> , Action on hydrocelluloses ...	70
fibres, Dyeing ...	719	„ solutions, Buffered, Determination of total oxidising power ...	448
„ sorption of moisture ...	607	<b>Chromaticity</b> co-ordinates, L/Y Ratios in terms of C.I.E. diagram ...	886
„ and synthetic fibres, Heat treatment of fabrics mixed with cotton, Reservation during vat dyeing ...	882	difference, Chromatic flicker fusion frequency as function ...	113
Mode shades on ( <i>ICI</i> ) ( <i>Pattern Cards</i> ) ...	782	<b>Chromatography</b> , Applications in wool research ...	739
Production, spinning and properties ...	63	<b>Chrome</b> dyes for Acrilan and Acrilan/wool union ( <i>CDC</i> ) ( <i>Pattern Card</i> ) ...	311
structure ...	214	„ on wool, Afterchroming ...	803
<b>Cellulosic</b> fibres, Chemical reactions ...	718	„ fast to light and milling on wool slubbing ( <i>ICI</i> ) ( <i>Pattern Card</i> ) ...	594
„ Degradation in contact with rusting iron ...	439	<b>Chrome</b> fixed in leather, Determination... ..	508
„ Improving penetration by dyes or finishes ...	672	<b>Chromium</b> , Colorimetric determination in sewage and industrial wastes ...	446
„ Increasing affinity for basic dyes ...	804	titane green pigment ...	197
„ Relative order of stability to nuclear radiation ...	708	Werner-type ...	190
„ /wool unions, Combination shades on ( <i>Ciba</i> ) ( <i>Pattern Card</i> ) ...	311	<b>Chrysenequinone</b> , phenylhydrazines, structure ...	434
materials, Thermal degradation ...	721	<b>Chrysophenine G</b> , Absorption by cotton ...	802
oligosaccharides, Shortchain, Water solubility and heat of solution ...	70	<b>Cibacet</b> Blue GF ( <i>Ciba</i> ) ( <i>Pattern Card</i> ) ...	780
products, Abstracts ... 70, 109, 213, 326, 444, 501, 506, 615, 673, 723, 809, 884		Dark Blue RB ( <i>Ciba</i> ) ( <i>Pattern Card</i> ) ...	594
textiles, Phenylaminoalkylated, Chemical modification and colouring ...	212	dyes for Courtelle ( <i>CDC</i> ) ( <i>Pattern Card</i> ) ...	311
„ Regenerated, Dimensional stabilisation using aldoketene dimers ...	506	dyes on Courtelle ( <i>Ciba Clayton Ltd.</i> ) ( <i>Pattern Card</i> ) ...	781
<b>Cement</b> coating compositions, Magnesite... ..	102	<b>Cibacron</b> Black BG ( <i>Ciba</i> ) ( <i>Pattern Card</i> ) ...	868
<b>Ceramic</b> colour, Application by squeegee or screen printing colour compositions ...	805	dyes ...	498
Organic ink for ...	878	„ Bright reds on wool with ( <i>Ciba</i> ) ( <i>Pattern Card</i> )... ..	780
stains and cobaltous oxide-titanium dioxide system ...	508	„ in dyeing ( <i>Ciba</i> ) ( <i>Pattern Card</i> )... ..	594
transfers ...	720	„ Latest on ( <i>Ciba</i> ) ( <i>Pattern Card</i> )... ..	780
<b>Ceramics</b> , Coloured crayons for ...	508	„ in yarn dyeing ( <i>Ciba</i> ) ( <i>Pattern Card</i> ) ...	780
Printing or decorating ...	805	reactive dyes, New developments in dyeing ...	610
<b>Cercosporin</b> , Pigment of <i>Cercosporina kikuchii</i> Matsumoto et Tomoyasu ...	196	„ dyes, New developments in printing ...	612
<b>Cernoside</b> , Yellow pigment of flowers of <i>Oxalis cornuta</i> , Constitution ...	403	<b>Cibalan</b> dyes on Acrilan and Acrilan/wool union ( <i>CDC</i> ) ( <i>Pattern Card</i> ) ...	311
<b>Chelating agents</b> , Dipyriddy aliphatic alkylene polyamine polyacids as ...	314	<b>Cibaneutrene</b> Orange FB ( <i>Ciba</i> ) ( <i>Pattern Card</i> )... ..	780
Polyvalent metal ion ...	704	<b>Cibanone</b> dyes, Reduction times ...	880
Quinoly and pyridyl aliphatic alkylene polyamine polyacid ...	189	Grey F3G ( <i>Ciba</i> ) ( <i>Pattern Card</i> ) ...	780
-trans-1,2-Diaminocyclopentane (and butane)-N,N,N',N'-tetra-acetic acid ...	704	Micro dyes in piece dyeing ( <i>Ciba</i> ) ( <i>Pattern Card</i> ) ...	310
<b>Chemical</b> , Abstracts ... 49, 93, 189, 314, 429, 491, 557, 595, 650, 704, 784, 879		<b>C.I.E.</b> Coordinates of colour tolerance ellipsoids... ..	73
<b>Chemicals</b> for textile-processing ...	506	luminosity curve from colour-mixture data, Empirical derivation ...	113
<b>Chemical Society</b> , Loan of books from library ...	2	tristimulus values, Correlate for lightness in terms of ...	113
<b>Chicory</b> , Red vegetable dye from ...	662	<b>Citrus</b> fruits, Colouring ...	67
<b>Chinese</b> fibre, New ...	423	<b>Cleansing</b> compositions for surfaces contaminated with heavy-metal compounds ...	314
Green—Lo-Kao ...	53	<b>Cloth</b> , Controlling lateral position while in motion ...	188
<b>Chitin</b> , Adsorption of dyes and other organic solutes by ...	846	Folding and measuring ...	313
Adsorption of sulphonated azo dyes from aqueous solution ( <i>Communication</i> ) ...	682	Loom-finished ...	325
		<b>Cloud</b> number, Qualitative test method for non-ionic surface-active agents ...	887

	PAGE		PAGE
<b>Carotenoid compounds as food dyes</b> ... ..	197	<b>Cellulose—continued</b>	
food dyes ... ..	874	filaments, Influence of coagulation baths... ..	63
New synthesis of symmetrical ... ..	196	Fine structure ... ..	326
Synthesis ... ..	663, 875	Hydrolysis and relation to structure ... ..	674
all- <i>trans</i> - ... ..	493	Hydroxyethyl-, Heterogeneity of substitution in ... ..	674
<b>Carpet, Back-sizing</b> ... ..	68	Imparting affinity for basic dyes ... ..	615
dyeing developments ... ..	610	Infrared spectrophotometric analysis ... ..	114
pile, Printing and dyeing ... ..	881	Kinetics of oxidation with nitrogen dioxide from absorp-	
trade, Recent developments in dyeing ( <i>Lecture</i> ) ... ..	677	tion spectra of the products ... ..	616
Tufted, Skein shading for ... ..	880	Liberation of carboxyl groups in ... ..	444
Viscose rayon tufted, Printing ( <i>ICI</i> ) ( <i>Pattern Card</i> ) ... ..	783	Limiting degree of polymerisation... ..	444
<b>Carrier for Dacron dyeing, Evaluation</b> ... ..	887	of low degree of polymerisation, Rapid fractionation ... ..	214
LB ( <i>Courtaulds Ltd.</i> ) ( <i>Pattern Card</i> ) ... ..	781	Mechanism of oxidation by periodate ... ..	214
<b>Casein coatings, Fixation by gaseous formaldehyde</b> ... ..	215	Methyl-, from sodium cupricellulose ... ..	444
containing lithographic coating ... ..	881	Methylated, Distribution of methoxyl groups ... ..	809
Reactions with dyes and aromatic solutes and their		Modified, Adsorption of reactive dye by ( <i>Communication</i> )	
relation to adsorption by protein fibres... ..	498	,, Determination of carbonyl groups in. Comparison of	
<b>Catalysts, Alkaline earth carbonate, High-molecular-weight</b>		borohydride and copper number methods ... ..	508
polymers of ethylene oxide polymerisation ... ..	568	,, Fixation of reactive dyes on ( <i>Correspondence</i> )... ..	584
<b>D-Catechin, Colorimetric determination</b> ... ..	728	Molecular weight of native ... ..	213
<b>Cellulose acetylation with sulphamic acid as catalyst</b> ... ..	809	,, weight of two seed-hair ... ..	606
Adsorption of dyes and other solutes by ... ..	846	molecule, Effect of carboxylic groups on stability of	
Alcoholate content in water-free sodium ... ..	74	glucoside linkage ... ..	809
Alkali, attack of molecular oxygen... ..	444	monofibrils, Adsorbed metal ions on surface ... ..	674
,, Estimation of alkoxide groups ... ..	809	nitrate, Chemistry of unstabilised... ..	326
,, Reaction with carbon diselenide ... ..	674	,, Interaction with organo-silicon compounds ... ..	444
Alkaline solutions of iron-tartaric acid complex as		,, in lacquers, Direct colorimetric determination... ..	448
solvents ... ..	674	,, Relation between sulphate and nitrogen content ... ..	326
Aminoalkylated-textiles treated with 8-hydroxyquinoline		,, Unstabilised, Determination of sulphate acid ester in	
sulphonic acids and metals forming chelate rings ... ..	441	,, Unstabilised, Influence of water concentration on	
analysis, International committee ... ..	609	hydrolysis in acetone-water solution... ..	567
Carboxymethyl-, Colorimetric determination of glycollate		,, Unstabilised, slurry titrations ... ..	568
,, and derivatives, Structure ... ..	214	Organic derivative, Fast dyeings and prints on ... ..	106
,, Evaluation of polydispersity by characteristic <i>P-D</i>		Oxidation reactions studied by infrared spectroscopy ... ..	616
curves ... ..	724	Oxidised, Investigation of dyeing by infrared spectro-	
,, Mode of action in washing ... ..	320	scopy ... ..	718
,, Optical investigations ... ..	444	Partially methylated, Distribution of methoxyl groups... ..	616
,, Sodium, Preparation ... ..	728	Partly methylated, Distribution of substituents in ... ..	328
Chain-length breakdown by acetic-acid solutions of water		phosphates as ion exchangers ... ..	327
and sulphuric acid ... ..	566	pulp, Relation between brightness reversion and carbonyl	
,, Relation to intrinsic viscosity ... ..	114	content ... ..	673
chemically modified for flame resistance ... ..	565	Rapid determination of molecular weight distribution by	
Chemistry of degradation ... ..	109	precipitation method ... ..	731
cloths, Regenerated, Increasing strength, flex life, and air		Reactivity ... ..	615
permeability ... ..	721	,, of lower aliphatic anhydrides toward hydroxyl groups	
Comparative reactivity of hydroxyl groups ... ..	616	Reducing ash content ... ..	498
Cotton, Decrystallisation ... ..	566	Regenerated, containing vinyl polymers, Moisture	
cross-linkers, Dialdehydes as ... ..	613	relations ... ..	107
in cupriethylenediamine, Determination of intrinsic		,, Prevention of yellowing in presence of heat and	
viscosity ... ..	448	moisture... ..	808
Damage caused by sodium formaldehyde-sulphoxylate-		,, Resistant to discolouring ... ..	879
hydrogen peroxide ... ..	409	Replacing hydroxyl groups in ... ..	567
degradation in air ... ..	616	resins in coatings, Determination by colorimetric analysis	
,, by alkali cooking ... ..	326	Sodium carboxymethyl-, Preparation by multistage	
,, by aqueous sodium hydroxide at 170°C. ... ..	214	etherification ... ..	675
,, in a vacuum by U.V. radiation ... ..	616	Soluble products and alkali-stable residue from action of	
derivatives, Characterisation by X-ray diffractometer ... ..	114	sodium hydroxide... ..	103
,, Intrinsic viscosities ... ..	502	solutions, Effect of velocity gradient and cellulose con-	
,, receptive to printing inks ... ..	502	centration on viscosities ... ..	674
,, Thermodynamic properties of dilute solutions ... ..	723	solvent systems, Thermodynamic properties of secondary	
Determination of carboxyl groups in ... ..	116	stabilisation against alkaline degradation... ..	444
,, of degree of polymerisation from viscosity data in		Structure by alcoholysis ... ..	114
benzyltriethylammonium hydroxide... ..	731	swelling measured by benzene retention ... ..	75
,, of intrinsic viscosity in cupriethylenediamine solution		Symposium on chemistry ... ..	771
Dissolution in quaternary ammonium bases ... ..	109	Systemic absences in X-ray diagram ... ..	674
dissolved in mercurising liquor, Destruction of ... ..	214	transformations at elevated temperatures. Effect of	
Effect of alkaline treatment... ..	723	addition of glucose on formation of laevoglucosan ... ..	501
,, of cellulase on degree of polymerisation ... ..	318	triester textiles, Setting in three dimensional form ... ..	722
,, of $\gamma$ -radiation ... ..	214	trinitrate in solution, Molecular size and configuration... ..	675
,, of water removal on crystallinity ... ..	674	Work on mechanism of thermal degradation ... ..	614
Estimation of acidity ... ..	507	xanthate, Attempted location of substituents ... ..	112
Ethyl, Ageing and thermo-oxidational decomposition ... ..	809	,, dilute solutions, Viscosity measurements ... ..	214
,, Hydrodynamic characteristics and degree of poly-		,, gels, Actions of bivalent cations on ... ..	879
dispersity ... ..	674	,, of low degree of substitution, Fibres from ... ..	502
fibres, Aminoethyl ... ..	879	,, Methylation ... ..	328
,, Carbamoyl-ethyl ... ..	879	,, Partly substituted, Xanthate groups in ... ..	214
,, Carboxyethyl ... ..	879	xanthation ... ..	809
,, Hydrated, Structure ... ..	496	<b>Cellulose I, Polarised infrared spectra</b> ... ..	501
,, Regenerated, Determination and significance of		<b>Cellulose Acetate, Applying vat dyes to</b>	
crystallite size ( <i>Communication</i> ) ... ..	283	cloths having good resistance to development of differ-	
,, Weak points in chains of natural ... ..	109	ential lustre effects ... ..	722

	PAGE		PAGE
<b>Cellulose Acetate—continued</b>		<b>Chitin—continued</b>	
Dyeings of good wash fastness on ...	499	Constitution and adsorption of inorganic and organic acids from aqueous solution ( <i>Communication</i> )...	647
Effect of acetyl group content on properties of solutions...	675	<b>Chitosan</b> in pigment printing ...	719
fibres, Coloured ...	497	<b>Chlorantine</b> Fast dyes on spun viscose rayon piece goods ( <i>CDC</i> ) ( <i>Pattern Card</i> ) ...	311
„ Imparting affinity for acid dyes to ...	608	Fast dyes on yarn and piece goods ( <i>Ciba</i> ) ( <i>Pattern Card</i> ) ...	310
„ Sorption of moisture ...	607	<b>Chlorendic acid</b> as dispersing agent in preparing aqueous dispersions of polyfluoroethylenes ...	49
Interfacial film phenomena in dyeing ...	208	<b>Chlorination</b> of wool cheeses ...	807
Reactions in surface films of acetates and ketones, and their relation to adsorption by ...	104	<b>Chlorine</b> , Composition providing available ...	506
solutions, False viscosity in ...	114	dioxide, Inhibiting corrosion of stainless steel by ...	313
Swelling and cavity formation in secondary ...	616	„ Reaction with lignosulphonic acid ...	65
Thermodynamic properties of dilute solutions ...	502	Resin finish having no tendency to absorb ...	721
<b>Cellulose Ester</b> plastics, Organic copper compounds for stabilising to weathering ...	884	retention by and damage to resin treated fabrics ...	807
Polynitriles as plasticisers for ...	884	„ of cotton finished with dimethylethylenesurea, Effect of laundering ...	614
Thiourethanes of ...	214	„ by resin finishes on cotton ...	74
<b>Cellulose Esters and Ethers</b> , Vat dyeing ...	670	<b>Chlorites</b> , Inhibiting corrosion by ...	669
<b>Cellulose Ethers</b> , Dimethyl sulphoxide as solvent ...	445	<b>Chlorophyll</b> and its analogues in presence of deuterium oxide, Mechanism of sensitisation of redox reactions using ...	711
Insolubilised ...	558	derivatives, Primary photoreduction products ...	712
<b>Cellulose Triacetate</b> blends, Pad-steam for cloth, Finishing ...	441	Photochemical oxidation by oxygen ...	789
/cotton unions and combinations with other fibres, Reserve effects on ...	670	Separation by paper and cellulose column chromatography ...	812
Dyeing with azoic dyes ...	564	from spectral properties of living leaf, Inadequacy of concept of fluorescent and non-fluorescent ...	711
fabrics, Finishing with particular reference to setting, embossing and pleating ...	842	in its triplet state, Interaction with oxygen, carotene, etc. ...	434
fabrics, setting ...	722	in <i>vitro</i> , Carotenoid-sensitized fluorescence ...	663
Factors influencing crystal structure ...	675	<b>Chloroplast</b> pigments and chromatographic analysis ...	874
fibres, Dyeing ...	719	<b>Chlorous acid</b> , Action on hydrocelluloses ...	70
„ sorption of moisture ...	607	„ solutions, Buffered, Determination of total oxidising power ...	448
„ and synthetic fibres, Heat treatment of fabrics mixed with cotton, Reservation during vat dyeing ...	882	<b>Chromaticity</b> co-ordinates, L/Y Ratios in terms of C.I.E. diagram ...	888
Mode shades on ( <i>ICI</i> ) ( <i>Pattern Cards</i> ) ...	782	difference, Chromatic flicker fusion frequency as function ...	113
Production, spinning and properties ...	63	<b>Chromatography</b> , Applications in wool research ...	730
structure ...	214	<b>Chrome</b> dyes for Acrilan and Acrilan/wool union ( <i>CDC</i> ) ( <i>Pattern Card</i> ) ...	311
<b>Cellulosic</b> fibres, Chemical reactions ...	718	„ on wool, Afterchroming ...	803
„ Degradation in contact with rusting iron ...	439	„ fast to light and milling on wool slubbing ( <i>ICI</i> ) ( <i>Pattern Card</i> ) ...	534
„ Improving penetration by dyes or finishes ...	672	<b>Chrome</b> fixed in leather, Determination... ..	508
„ Increasing affinity for basic dyes ...	804	<b>Chromium</b> , Colorimetric determination in sewage and industrial wastes ...	446
„ Relative order of stability to nuclear radiation ...	798	titanate green pigment ...	197
„ /wool unions, Combination shades on ( <i>Ciba</i> ) ( <i>Pattern Card</i> ) ...	311	Werner-type ...	190
materials, Thermal degradation ...	721	<b>Chrysenquinone</b> , phenylhydrazines, structure ...	434
oligosaccharides, Shortchain, Water solubility and heat of solution ...	70	<b>Chrysophenine G</b> , Absorption by cotton ...	802
products, Abstracts ... 70, 109, 213, 329, 444, 501, 566, 615, 673, 723, 809, 884		<b>Cibacet Blue GF</b> ( <i>Ciba</i> ) ( <i>Pattern Card</i> ) ...	780
textiles, Phenylaminoalkylated, Chemical modification and colouring ...	212	Dark Blue RB ( <i>Ciba</i> ) ( <i>Pattern Card</i> ) ...	594
„ Regenerated, Dimensional stabilisation using aldo-ketene dimers ...	566	dyes for Courtelle ( <i>CDC</i> ) ( <i>Pattern Card</i> ) ...	311
<b>Cement</b> coating compositions, Magnesite... ..	102	dyes on Courtelle ( <i>Ciba Clayton Ltd.</i> ) ( <i>Pattern Card</i> ) ...	781
<b>Ceramic</b> colour, Application by squeegee or screen printing ...	805	<b>Cibacron Black BG</b> ( <i>Ciba</i> ) ( <i>Pattern Card</i> ) ...	808
colour compositions ...	732	dyes ...	493
Organic ink for ...	878	„ Bright reds on wool with ( <i>Ciba</i> ) ( <i>Pattern Card</i> )... ..	780
stains and cobaltous oxide-titanium dioxide system ...	508	„ in dyeing ( <i>Ciba</i> ) ( <i>Pattern Card</i> )... ..	504
transfers ...	720	„ Latest on ( <i>Ciba</i> ) ( <i>Pattern Card</i> )... ..	780
<b>Ceramics</b> , Coloured crayons for ...	508	„ in yarn dyeing ( <i>Ciba</i> ) ( <i>Pattern Card</i> ) ...	780
Printing or decorating ...	805	reactive dyes, New developments in dyeing ...	619
<b>Cercosporin</b> , Pigment of <i>Cercosporina kikuchii</i> Matsumoto et Tomoyasu ...	196	„ dyes, New developments in printing ...	612
<b>Cernoside</b> , Yellow pigment of flowers of <i>Oralis cernua</i> , Constitution ...	493	<b>Cibalan</b> dyes on Acrilan and Acrilan/wool union ( <i>CDC</i> ) ( <i>Pattern Card</i> ) ...	311
<b>Chelating agents</b> , Dipyriddy aliphatic alkylene polyamine polyacids as ...	314	<b>Cibaneutrene Orange FR</b> ( <i>Ciba</i> ) ( <i>Pattern Card</i> )... ..	780
Polyvalent metal ion ...	704	<b>Cibanone</b> dyes, Reduction times ...	880
Quinoid and pyridyl aliphatic alkylene polyamine polyacid ...	159	Grey F8G ( <i>Ciba</i> ) ( <i>Pattern Card</i> ) ...	780
-trans-1,2-Diaminocyclopentane (and butane)-N,N',N'-tetra-acetic acid ...	704	Micro dyes in piece dyeing ( <i>Ciba</i> ) ( <i>Pattern Card</i> ) ...	310
<b>Chemical</b> , Abstracts ... 49, 93, 189, 314, 429, 491, 557, 595, 659, 704, 784, 870		<b>C.I.E.</b> Coordinates of colour tolerance ellipsoids... ..	73
<b>Chemicals</b> for textile-processing ...	590	luminosity curve from colour-mixture data, Empirical derivation ...	113
<b>Chemical Society</b> , Loan of books from library ...	2	tristimulus values, Correlate for lightness in terms of ...	113
<b>Chicory</b> , Red vegetable dye from ...	662	<b>Citrus</b> fruits, Colouring ...	67
<b>Chinese</b> fibre, New ...	423	<b>Cleansing</b> compositions for surfaces contaminated with heavy-metal compounds ...	314
Green—Lo-Kao ...	53	<b>Cloth</b> , Controlling lateral position while in motion ...	188
<b>Chitin</b> , Adsorption of dyes and other organic solutes by ...	846	Folding and measuring ...	313
Adsorption of sulphonated azo dyes from aqueous solution ( <i>Communication</i> ) ...	682	Loom-finished ...	325
		<b>Cloud</b> number, Qualitative test method for non-ionic surface-active agents ...	887



	PAGE		PAGE
<b>Coated fabrics, Flexible, vapour-permeable, water-resistant</b>		<b>Colour—continued</b>	
thermoplastic ...	108	correction for accurate multi-colour photographs ...	720
„ Manufacture ( <i>Lecture</i> ) ...	449	„ of paint by tristimulus colorimetry ...	506
<b>Coating, Black oxide, on steel and iron ...</b>	888	developers, Derivatives of 2:4-dicarboxyalkoxy benz-	
cloth with metal ...	809	amides ...	712
fabrics ...	69	„ solutions, Accelerator for ...	613
fabrics, plastic films and paper with metal ...	313	differences, Nomograph using Adams-Nickerson equation	
fabrics by transfer method ...	809	for calculating ...	76
flexible webs ...	784	discrimination ...	74
machine, High-speed roller ...	93	effects on textiles ...	501
metal oxides or salts on organic polymers by use of		films, Subtractive ...	500
ionising radiation in absence of a binder ...	883	formers, Azine cyan ...	875
nylon fabric ...	443	matching, Age changes in ...	887
organic polymers with organic material ...	810	„ Space error ...	506
Polyamide, on chrome, vegetable and sulphonyl-chloride-		„ Standardised lighting for tinting paint ...	888
tanned splits ...	215	„ Successive and simultaneous ...	74
rubber ...	446	„ Textile, Lighting factors to be considered ...	619
textiles with perfluorochloroolefin polymer ...	443	„ tolerances ...	115
<b>Coatings Adherent synthetic resin, on pergamin and parch-</b>		measurement ...	505
ment papers ...	214	„ Objective ...	506
Determination of cellulose resins by colorimetric		„ Scope and limits ...	888
cellulose analysis ...	448	Metamerie, Evaluation ...	887
Electrostatic applications of polychromatic ...	203	metric coefficients, Analytical approximations ...	74
and films permeable to water vapour, Plastisol com-		-mixture functions, Observer differences using metamerie	
positions for ...	191	greys ...	508
or impregnations on fibrous materials ...	210	naming experiments for red and green monochromatic	
and mouldings from polyglycidyl ethers ...	439	lights ...	506
Organic, Micro-organisms in ...	687	New Federal standard on ...	74
Varnish, on leather, cloth, etc., Hardening ...	70	photographic images, Masked ...	806
for washable wallpapers, foils, etc., Aqueous dispersion of		photographs by colour development ...	671
styrene-butadiene ...	618	„ Inhibiting discoloration of whites ...	613
<b>Coating Composition</b> ...	496, 562, 667	„ protected from fading ...	805
with an alkoxy end blocked polysiloxane ...	883	physics, Application to textiles ...	104
Alkyl titanate ...	562	in printing, Colour contrast lenses for comparing	
aqueous emulsions of polymers for ...	871	produced by reflection at grazing incidence from rough	
based on pyrolysed <i>p</i> -xylene or substituted <i>p</i> -xylene		surfaces ...	506
Camouflage, Coloured pigment for ...	605	Relationship between constitution, solvents and chemical	
Heat-resistant, containing leafing pigments ...	716	reactivity ...	194
of improved fire resistance from aqueous polyvinyl		removal from azo dye effluent ...	784
acetate emulsions ...	786	rendering, Band systems for ...	507
Investigation of pigment defects by physical methods ...	75	reproduction improved, of photographic subtractive	
Magnesite cement ...	102	multicolour images ...	613
for metal, Black ...	797	Selection of optimum source of artificial illumination for	
New development in opaque ...	110	matching ...	115
Non-inflammable heat-convertible copolymers ...	94	standard depths for assessment of colour fastness of dyes	
Organic, Action of ultraviolet-screening agents ...	797	on textiles ...	113
Organic, for zinc surfaces ...	878	tolerances, Modern views on ...	730
Photographic ...	725	vision of Achromata' parents ...	115
Pigmented, for rubber mats ...	568	„ Dichromatism and mechanisms underlying ...	887
Pigmented siloxane ...	62	wedged film samples for use in neutral selector ...	730
Polyamides dissolved in 2-chloro-ethanol ...	786	in writing and copying ( <i>Lecture</i> ) ...	739
Polymers of 3:3-bis(chloromethyl)oxetane ...	50	<b>Colour Couplers</b> ...	471, 790
Polyvinyl chloride pastes for textile ...	705	Dispersions for use in photographic silver salt emulsions	
Proteinaceous, Preserved from microbiological attack ...	716	Magenta ...	211
Synthetic resin, Phosphate esters and their amine salts as		yielding yellow dyes ...	57
flattening agents ...	606	<b>Colour-defective, How the world looks to a</b> ...	423
Thermosetting, Curable at room temperature ...	50	<b>Colour Fastness to, Bleaching, Hypochlorite (ISO Recommended</b>	
yielding a hammer finish ...	878	<b>Test R117)</b> ...	23
<b>Cobalt, Determination with 2-hydroxy-3-naphthoic acids</b> ...	111	„ Peroxide (ISO Recommended Test R117) ...	24
<b>Collagen, Action of acrylonitrile and acrylamide on</b> ...	445	„ with sodium chlorite (Proposed ISO Recommended	
Action of nitrous acid on ...	109	Tests) ...	34, 35
Cross-linking with aliphatic epoxides ...	109	Burnt-gas fumes (ISO Test under discussion) ...	36
Determination of <i>N</i> -terminal amino acids by the 2:4-		Carbonising with aluminium chloride (ISO Recom-	
dinitrofluorobenzene method ...	617	mended Test R117) ...	24
Effect of reactive groups on fixation of aldehydes ...	109	„ with sulphuric acid (ISO Recommended Test R117) ...	24
Fibrous, in aqueous media, Measurement of pH ...	448	Chlorinated water (ISO Tentative Test) ...	31
Periodic deformation in solutions of electrolytes and		Chlorination, Acid (ISO Recommended Test R117) ...	24
tanning agents ...	617	Cross dyeing: Wool (ISO amended) ...	30
reactivity with metals ...	109	Daylight (ISO Recommended Test R117) ...	24
Review of work on effect of nitrous acid on ...	445	Daylight at high humidity. Proposed new test and	
Type of hydrogen bonds ...	567	provisional test (F.T.C.C.) ...	756
<b>Colorimeter, Improved differential and its application to</b>		Decatizing (Proposed ISO Recommended Test) ...	30
control of paint ...	885	Degumming (Proposed ISO Recommended Test) ...	32
Photoelectric trichromatic ...	116	of dyed and printed textiles, Standard depths for	
Visual, Portable telescope ...	887	assessment ...	114
<b>Colorimetry and its application</b> ...	699	Errors in assessment ...	73
<b>Colour appearance with different adaptation illuminations,</b>		Errors in assessment (Correspondence) ...	83, 89, 420, 421
Prediction ...	74	Felting, Acid, Mild (Proposed ISO Recommended Test) ...	29
chart for evaluating quality of colour reproduction ...	507	„ Acid, Severe (Proposed ISO Recommended Test) ...	29
cinematography, Dupe negatives ...	671	Mercerising (ISO Recommended Test R117) ...	25

	PAGE		PAGE
<b>Colour Fastness to— continued</b>		<b>Cotton</b> , Acetylated, and other fibres, Comparative behaviour	
Metals in dyebath, Chromium salts ( <i>ISO Recommended Test R117</i> )	25	at high temperatures	102
„ In dyebath, Iron and copper ( <i>ISO Recommended Test R117</i> )	25	acetylation with acetic anhydride vapour	211
Milling, Acid ( <i>ISO Test</i> )	37	Applications of infrared absorption spectroscopy to	667, 733
„ Alkaline ( <i>Proposed ISO Recommended Test</i> )	28	Bacteriological studies	315
Organic solvents ( <i>ISO Recommended Test R117</i> )	25	Control analyses of solutions used in partial acetylation	507
Perspiration ( <i>ISO Test under discussion</i> )	36	Cyanoethylated, Hydrolysing	883
Potting ( <i>ISO Recommended Test R117</i> )	25	decrystallisation, Improved process for	318
Pressing Hot ( <i>ISO Recommended Test R117</i> )	25	degradation, Effect of iron and copper contaminants in	
Rubbing ( <i>ISO Recommended Test R117</i> )	25	peroxide bleaching	608
Sea water ( <i>ISO Recommended Test R117</i> )	28	„ by heat	102
Soda boiling ( <i>ISO Recommended Test R117</i> )	26	Determination of maturity by differential dyeing, ribbon	
Steaming ( <i>ISO Tentative Test</i> )	33	width and micronaire value	447
Stoving ( <i>ISO Recommended Test R117</i> )	26	Distribution of dry soil in surface	800
Sublimation ( <i>ISO Tentative Test</i> )	33	dye with sulphur black, Tendering	408
tests, Continental (E.C.E.)	607	Effects of partial carboxymethylation	500
tests, 5th I.S.O. Conference	789	„ of $\gamma$ -radiation	606, 607
Vulcanising	37	fabrics, Acid and alkali resistance of partially acetylated	64
Washing, S.D.C. No. 2	36	„ containing copper-chromium, Weathering character-	
„ S.D.C. No. 4	37	istics	107
„ at the boil ( <i>ISO Test withdrawn</i> )	36	fibre, Effect of modification on soil resistance	323
„ Hand ( <i>ISO Recommended Test R117</i> )	27	„ Effect of temperature on physical and chemical	
„ Mechanical A ( <i>ISO Tentative Test</i> )	36	development	64
„ Mechanical B ( <i>ISO Tentative Test</i> )	36	„ Electron microscopic investigation of thin sections	797
„ in presence of sodium hypochlorite ( <i>ISO Tentative Test</i> )	36	„ Influence of weathering properties on	606
Water ( <i>ISO Recommended Test R117</i> )	27	„ maturity test	219
„ spotting ( <i>ISO Recommended Test R117</i> )	28	„ as means of transmitting water vapour	63
<b>Colour Index, Additions and Amendments</b>	696	„ and primary flax cell, Comparative mechanical	
<b>Colour Photography</b>	107, 323, 882	properties, Effect of degradation by hypochlorites	717
Chemical problems	720	„ subjected to enzymatic degradation, Microscopic	
by colour development	671	observations	318
Mechanism of dye formation	50	Heat evolution during acetylation	564
Polymeric gentianamide anti-stain agents	806	in high-style finishing	613
Sensitometry of multilayer. Relation between methods of		Improvement of heat endurance by treatment with	
quantitative evaluation of colour fields	619	dicyandiamide	68
Subtractive, on C.I.E. colour chart, Notation of colour of		Influence of dyes on degradation by washing and	
magenta dyes	709	bleaching	609
by subtractive three-colour process	613	Mature and immature, Dyeing properties ( <i>Communication</i> )	299
Ultraviolet-absorbing agents	706	Maturity, Differential dyeing method	328
<b>Colouring matters, Abstracts</b> 50, 94, 102, 314, 430, 492, 558, 596,		maturity, Red-green test and its evaluation	328
600, 706, 786, 872		Native and modified, Surface	102
„ World consumption	50	Non-aqueous carboxymethylation	324
<b>Colourist, Work in dyehouse laboratory (<i>Lecture</i>)</b>	542	Partial acetylation	808
<b>Communications, Deposit of sealed</b>	3	Partially acetylated, Physical properties	323
<b>Complexones. Special kind of large chelate effect</b>	870	„ etherified, Oxidising	567
<b>Computers, Dyes in</b>	91	Properties and utilisation of partly acetylated	204
<b>Conarachin II and groundnut skin pigments</b>	617	Radioactive degradation	439
<b>Conditioning cloth, paper, etc. in a closed chamber</b>	188	Raw, Colour change related to conditions of storage	798
<b>Congo Red, Absorption spectra and substantivity to cotton</b>	801	Relation between maturity and chemical composition	667
„ Dyeing properties	609	„ between structure and mechanical behaviour	667
<b>Continental Associations of Colourists, Jubilee</b>	39	Removal in analysis of fabrics containing nylon blends	619
<b>Co-ordination chemistry, International Conference on</b>	697	silver treated with caustic alkali solutions	212
<b>Copolymers, Initiated, Method for obtaining</b>	810	strains, Improvement	423
<b>Copper—Alizarin sulphate complex, Spectrophotometric study</b>	54	Sugar, pH, and strength changes during storage	797
Complexometric determination in cupriethylenediamine		towelling, Water absorption and drying of	800
solutions	731	and viscose rayon in blend yarns and fabrics, Deter-	
-dye complexes, stereochemistry	597	mination using sodium zincate solution	219
Electroanalysis of metallic copper or fabrics	507	and viscose rayon, Quantitative chemical analysis of	
Fast Sulphur Black F, as indicator for titration with		mixtures	219
ethylenediaminetetraacetic acid	217	mixed with viscose rayon, Rapid detection	219
formate, Rotproofing with	213	yarn, Fibrous acetylation	613
Simultaneous dealkylation and chelation with <i>o</i> -hydroxy-		„ Laboratory apparatus for chemical modification	113
<i>o</i> -alkoxyazo compounds	706	„ Mercerising technique to establish true length	505
<b>Copy sheets, Naphthyl leuco-Methylene Blue as coating for</b>	494	„ Polyacrylonitrile-coated, Vapour-phase method for	
„ Nitro-derivatives of benzoyl leuco-Methylene Blue as		preparation and physical properties	324
coatings for	494	<b>Cottonised fibre, Chemical methods of obtaining in pressure</b>	
<b>Copyright notice</b>	2	and non-pressure vessels	204
<b>Correspondence</b> 88, 183, 303, 420, 480, 545, 584, 655, 857		„ Chemical production in pressure boilers	204
<b>Corrosion by chlorites inhibited</b>	669	<b>Coulour Conference, Internationales, March 1958</b>	698
inhibiting pigment, Basic magnesium chromate	715	<b>Couplers, Effect of a non-ionic surfactant on ionisation</b>	50
inhibitor for chlorite bleaching baths	801	<b>Coupling, Effect of non-ionic surfactant on</b>	50
of metal pipes by water softened with phosphates,		<b>Courpleta renamed Tricel C</b>	39
Preventing	189	<b>Courteille, Cibacet dyes for (<i>CDC</i>) (<i>Pattern Card</i>)</b>	311
resistant coatings of uniform colour on aluminium articles	888	Dyeing with disperse dyes ( <i>ICI</i> ) ( <i>Pattern Card</i> )	782
of stainless steel by chlorine dioxide inhibited	313	Pack-dyeing of ( <i>Symposium</i> )	140
<b>Costume, Art of (<i>London Lecture</i>)</b>	329	for woollen and worsted trade, Dyeing	804
		Covering power of white pigments, Measurement	615
		<b>Crayons, Coloured, for ceramics</b>	508
		Gypsum, Moulds for	783
		<b>Creases and pleats fixed in cloths containing wool</b>	326

	PAGE		PAGE
<b>Crease-recovery angle, Measurement</b> ... ..	732	<b>Cystine—continued</b>	
finish having a soft handle ... ..	721	in keratin, Reaction with sulphite-bisulphite solutions...	798
in hot liquors, Apparatus for measurement ... ..	84	in keratin and sulphite-bisulphite solutions, Reaction	
<b>Crease-resist finish, Effect on crease recovery</b> ... ..	807	between ... ..	108
finishing ... ..	671	<b>Czechoslovakia, Second congress of colourists</b> ... ..	482
baths, Bisulphite as agent for binding free formalde-			
hyde in ... ..	671		
and crease recovery ... ..	324		
Desirable properties of cellulosic fabrics for satisfactory	807		
<b>Crease-resistance of cotton finished with dimethylethylene-</b>			
urea, Effect of laundering ... ..	614		
Theoretical and practical aspects of the use of resins for...	68		
<b>Crease-resistant fabric, Silicate-Aminoplast compositions for</b>	565		
finish, Durable or stiffened ... ..	443		
<b>Crease-resisting viscose rayon, Technique and economic</b>			
importance ... ..	212		
<b>Creasing, Determination of recovery of fabrics from</b> ... ..	74		
Giving textiles dimensional stability and ability to			
recover from ... ..	615		
Method for studying deformation of fabrics in ... ..	448		
<b>Crêped fabric</b> ... ..	69		
<b>Creslan acrylic fibre</b> ... ..	320		
<b>Crimp chemically set in acrylic fibres</b> ... ..	721		
<b>Crimped nylon hose</b> ... ..	615		
yarns of synthetic fibres, Dyeing ... ..	67		
<b>Crinkled nylon yarn</b> ... ..	615		
<b>Crocin, Application of Wittig reaction to synthesis of esters</b> ...	53		
<b>Crocking, Colour fastness to solvent</b> ... ..	220		
<b>Cropping machines</b> ... ..	48		
<b>Crotonaldehyde fixed in collagen, Colorimetric quantitative</b>			
estimation ... ..	75		
<b>Crystal symmetry and adsorption of dyes by growing crystals</b> ...	104		
Violet base taken up by acidic groups of cellulose,			
Colorimetric estimation ... ..	731		
as reversible indicator in acetyl chloride ... ..	676		
for shading blacks for carbon paper and hectograph			
inks ... ..	318		
<b>Cuprefix Bordeaux CFBL (S) (Pattern Card)</b> ... ..	312		
Brilliant Blue C-2BL (S) (Pattern Card) ... ..	594		
Grey 3LBN (S) (Pattern Card) ... ..	313		
Printing Bordeaux CFBL (S) (Pattern Card) ... ..	312		
Turquoise Blue FBL (S) (Pattern Card) ... ..	313		
Yellow C2GL (S) (Pattern Card) ... ..	312		
<b>Curcumin, Separation from curcuma roots</b> ... ..	662		
<b>Cushion fabric, Decorative</b> ... ..	883		
<b>iso-Cyanate, Detection</b> ... ..	507		
Difunctional, Properties of wool modified with ... ..	324		
<b>Cyanine Dyes</b> ... ..	62, 96, 100, 315, 795		
Azo derivatives ... ..	709		
containing a <i>N</i> -carbamylmethyl group ... ..	495		
pyrazole nuclei ... ..	666		
from <i>p</i> -diethylaminobenzaldehyde ... ..	315		
7:7'-Dimethylthiacarbocyanines ... ..	433		
Increasing photosensitive properties ... ..	806		
Light, absorption of ... ..	207		
Methin ... ..	201		
New ... ..	201		
Non-ionised ... ..	57		
Pentamethin, Influence of halogens in <i>meso</i> position ... ..	54		
Sensitising ... ..	559		
on silver iodide, bromide and chloride ... ..	194		
Symmetrical, Theory of absorption spectra ... ..	54		
from triazole bases ... ..	561		
Un-ionised ... ..	201		
<b>meroCyanines</b> ... ..	315		
<b>meroCyanine Dyes</b> ... ..	201, 202, 795		
containing a chain alkyl- or arylthio group ... ..	57		
containing a chain substituent ... ..	61		
containing a sulphone group ... ..	201		
containing a triazole [4,3- <i>a</i> ]-quinoline or tetrazolo [A]-			
quinoline nucleus ... ..	61		
<b>Cyanocarbon acids and their salts</b> ... ..	661		
<b>Cyanoethylated cotton treated with amines</b> ... ..	615		
<b>Cyanoethylating cellulose textiles</b> ... ..	808		
cotton by treatment with acrylonitrile vapour ... ..	565		
<b>Cyanoethylation of cotton, Effect of salts</b> ... ..	565		
of cotton yarns, Continuous ... ..	565		
<b>Cysteine, Molecular rearrangement in reaction with 1-fluoro-2:4-</b>			
dinitrobenzene ... ..	445		
<b>Cystine in alkaline solution, Suggested mechanism for</b>			
degradation (Correspondence) ... ..	859		
		<b>D</b>	
		<b>Dacron/cotton, Dyeing blends of...</b> ... ..	66
		dyeing, Evaluation of carriers ... ..	887
		Mechanism of carrier action in dyeing ... ..	66
		<b>Darlan dinitrile fibre</b> ... ..	322
		<b>Darvan dinitrile fibre</b> ... ..	322
		<b>Daylight test methods, Investigations in U.S.A.</b> ... ..	220
		<b>Dealkylation and chelation of copper with <i>o</i>-hydroxy-<i>o'</i>-</b>	
		alkoxyazo compounds, Simultaneous ... ..	706
		<b>Deaths</b> ... ..	37, 90, 184, 304, 423, 546, 656, 696, 708
		<b>Decatising, Continuous</b> ... ..	213
		<b>Deerskin, Artificial</b> ... ..	108
		<b>Definitions, Recommended</b> ... ..	40, 771
		Recommended (Erratum) ... ..	184
		<b>Degradation of fabrics by repeated bleaching, Influence of</b>	
		dechlorination ... ..	103
		of rayon, Practical causes and properties of chemical ... ..	104
		<b>15:15'-Dehydrocryptoxanthine and its esters</b> ... ..	874
		<b>Dehydrogenation, Detection by formation of coloured dialkyl-</b>	
		aminovinylquinones ... ..	193
		<b>15:15'-Dehydro-zeaxanthine and its esters</b> ... ..	875
		<b>De-inking chemicals, Behaviour of dyes towards</b> ... ..	444
		<b>Delustred nylon, Light-stable titanium dioxide-</b>	
		Delustring acetate rayon ... ..	879
		<b>Deorlene dyes for Acrilan and unions containing Acrilan</b>	
		(CDC) (Pattern Card) ... ..	311
		dyes on Courtele (Ciba Clayton Ltd.) (Pattern Card) ... ..	781
		<b>Desensitisation, Energy transfers between crystals and</b>	
		adsorbed dyes ... ..	499
		<b>Desensitising action of dyes on emulsions with and without</b>	
		chemical sensitising ... ..	67
		<b>Desizing, Abstracts...</b> ... ..	65, 103, 206, 320, 440, 497, 563, 608, 668,
			717, 799, 879
		<b>Desylamines, Intermediates from</b> ... ..	51
		<b>Detergency, Interfacial effects of calcium ions</b> ... ..	800
		and particle size ... ..	800
		<b>Detergent</b> ... ..	871
		assistants, Polyethyleneglycols ... ..	717
		Colourless, yielding coloured solution ... ..	785
		concentration, Critical, for maximum washing efficiency	668
		Evaluation for laundering ... ..	887
		Heavy duty ... ..	785
		Non-ionic, Effect on direct dyeings ... ..	669
		Quantitative estimation ... ..	71
		in wool scouring and grease recovery ... ..	879
		power, Measurement ... ..	730
		properties of monosulphoxides ... ..	596
		solutions, Influence of conditions on deposition of soil	
		particles from ... ..	800
		Mode of operation of anti-redeposition agent in ... ..	320
		Relation between viscosity and critical micelle con-	
		centration ... ..	608
		statistical-mechanical theory of micelle formation ... ..	93
		<b>Detergents</b> ... ..	93, 659, 705, 785
		Annual review of literature ... ..	93, 784
		Arsenic in ... ..	704
		Bactericidal ... ..	557
		Cationic, Turbidity and viscosity measurements in water	
		and salt solution ... ..	189
		Electron-microscopic examination... ..	327
		Household, Colour fastness to washing ... ..	206
		Improved saponaceous ... ..	50
		in oil, Electron-microscope study of dispersions ... ..	785
		for raw wool scouring, Development ... ..	219
		Soapless of, improved lathering power ... ..	785
		Sugar-based, Biological oxidation... ..	703
		Synthetic, Solubility of binary and ternary systems ... ..	734
		<b>Dextran in boron trifluoride solutions as textile finishes and for</b>	
		producing fibres ... ..	596
		Colloidal dispersion for finishing textiles ... ..	429
		xanthate as adhesive in making non-woven fabrics ... ..	94
		<b>Dialdehyde as cellulose cross-linker</b> ... ..	613
		content of periodate-oxidised starch, Colorimetric	
		determination ... ..	730
		<b>Diaminopyromellitic esters and related compounds, Colour...</b>	559



	PAGE		PAGE
<b>2:4-Diaminothiophen</b> and azo derivatives, Diazotisation reaction ...	315	<b>Direct Fast dyes</b> on spun viscose rayon piece goods ( <i>CDC</i> ) ( <i>Pattern Card</i> ) ...	311
<b>Diazo</b> centenary ...	787	Khaki RP, New benzidine-pyrazolone dye ...	598
components, Paper chromatography ...	811	<b>Direct Dyes</b> for aftercoppering, Grey hexakisazo for aftercoppering, Navy blue and black trisazo and tetrakisazo ...	98
compounds, Hundred years of— Impact and importance in chemical industry ...	872	Azo, Interaction in aqueous solution ...	492
„ Interaction with sulphamic acid ...	873	Blue metallisable diazo, from substituted benzidine sulphones ...	198
„ Neutral ...	431	on cellulose, Comparison of dyeing mechanism with that of disperse dyes for cellulose acetate ...	669
„ Oxidation of azo dyes to ...	51	Copperable diazo ...	55
„ Reaction with sulphamic acid ...	95, 597	Copperable trisazo ...	59
exchange in azo dyes of naphthalene series using labelled nitrogen ...	872	on cotton and viscose rayon ( <i>Ciba</i> ) ( <i>Pattern Card</i> ) ...	594
print process ...	612	Diazo-blue copper-complex ...	561
sulphonate foils, Negative working ...	211	Diazo, Yellow, orange and brown having triazole rings ...	601
<b>Diazol</b> Blue O, Optimum conditions for printing viscose rayon with ...	490	Effect of non-ionic detergent on ...	609
<b>Diazomethane</b> , Treatment of silk with ...	212	Fastness to steam bleaching on cotton/wool cellulose triacetate unions ( <i>ICI</i> ) ( <i>Pattern Card</i> ) ...	782
<b>Diazonium</b> compounds, Reaction with aromatic ethers ...	787	Grey metal complex trisazo ...	790
processes ...	805	Metal complex azo ...	875
salts from aromatic sulphonie acids, carboxylic acids and nitro compounds ...	54	New ...	492
„ of arylsulphamic acids ...	597	Phosphated diazo, for aftercoppering ...	59
„ from phenols, <i>o</i> -Alkylation accompanying formation ...	558	Readily soluble ...	794
„ from polyalkylbenzenes, phenol ethers, phenols, and aromatic tertiary amines ...	54	Red, Affinity, heat of dyeing and entropy change ...	801
„ stabilised, of improved physical form, Production ...	714	Red and violet trisazo, for diazotisation and development on the fibre ...	199
<b>Diazotisation</b> of aniline and of <i>o</i> -chloroaniline in dilute perchloric acid, Catalysis by anions of strong acids ...	431	State in solution and diffusion into a Cellophane membrane ...	609
of aniline in dilute perchloric acid ...	431	Tetrakisazo ...	55
of aromatic amines in carboxylic acid buffers ...	431	Trisazo, for aftercoppering ...	59
of <i>o</i> -chloroaniline in dilute perchloric acid, Hydrogen-ion catalysis in ...	431	„ brown copper-complex ...	561
Dependence of bromo-ion catalysis ...	707	„ Green and olive metal-complex ...	604
in nitrite solutions, Kinetics ...	707	„ Grey and black for after-coppering ...	561
Principles, background and method for kinetic study ...	431	<b>Dirt</b> , Reducing tendency of textiles to pick up ...	213
Relation to general acid-base catalysis ...	430	removal from cotton ...	65
Use of boron trifluoride-nitrous anhydride complex in ...	50	removal and substrate, Relation ...	800
<b>Diazotype</b> compositions, Light sensitive, Containing alumina pigments ...	720	<b>Disazobenzene</b> dyes, Absorption spectra in alcohol and acid soln. ...	873
Exposed, Gaseous development ...	720	<b>Disazo Dyes</b> , Direct, Blue and grey copper-complex ...	98
material ...	500	„ having a sulphato group, Metallisable ...	98
printing plate, Pre-sensitised, positive-working offset ...	107	„ Red copperable ...	98
<b>11:11'-Di-<i>cis</i>-<math>\beta</math>-carotene</b> , Synthesis by new method ...	53	from <i>N</i> -Phenylquinaldine ...	788
Dicel fabrics, Avoidance of gas fading on ( <i>BrC</i> ) ( <i>Pattern Card</i> ) ...	310	<b>Disperse Dyes</b> on acetate rayon, Improving fastness to washing on Acrilan ( <i>YDC</i> ) ( <i>Pattern Card</i> ) ...	615
<b>Dichromatism</b> and mechanisms underlying colour vision ...	887	Addition compounds containing selenium ...	317
<b>Dicoceramidonines</b> as dyes for acrylic fibres ...	602	1-Aminobenzophenonesulphone-2-aldehyde or -ketones ...	436
<b>Dicyandiamide</b> , Improvement of heat endurance of cotton by treatment with ...	68	Antraquinone ...	316, 436, 665
<b>Dicyanoethylene</b> , Asymmetric, Dyeing ...	208	for aromatic polyesters, Blue ...	793
<b>Dicyanoketene</b> acetals ...	661	Azo, 2-Amino-5-nitro-1:3:4-thiadiazole ...	601
<b>Dieldrin</b> residues, Persistence in sheep fleece ...	720	Benzothiazoleazo-aniline ...	602
<b>Diffraction</b> , Optical, for X-ray diffraction studies of macromolecular structures ...	508	Blue halogenated diamino-dihydroxy anthraquinones ...	99
<b>oo'-Dihydroxyazo</b> dyes, Relative stabilities of metal derivatives ...	95	Blue to violet anthraquinone ...	316
<b>Di-indolyls</b> ...	54	on cellulose acetate, Comparison of dyeing mechanism with that of direct dyes on cotton ...	669
<b>Dimethyl</b> sulphoxide as solvent for cellulose ethers ...	445	Comparison of solubility in organic solvents with dyeing behaviour on acetate ( <i>Communication</i> ) ...	688
<b>NN-Dimethylaniline</b> , Field effects and non-electrostatic polar effects of substituents on basicity ...	568	Copper complexes of <i>o</i> -hydroxyanthraquinones ...	99
substituted, in water and in water-dioxan mixtures, Ionisation constants ...	558	Derivatives of 1-amino-2-nitrobenzene-4-sulphonamides ...	56
<b>Dimethylolethyleneurea</b> , Effect of laundering on chlorine retention and crease resistance on cotton finished with ...	614	<i>NN'</i> -Diarylnaphthoquinoneimines ...	56
<b>Dinaphthyl</b> , Effect of substituents on colour of monoazo dyes from ...	95	from 2:2-dichloro-1:4-naphthoquinone and chloranil ...	790
<b>Diphenyl</b> , 4-Amino, Sulphonated naphthotriazoles from ...	194	Dyeing polyesters with ...	436
Effect of substituents on colour of monoazo dyes from ...	95	Enhancing affinity of vinylidene cyanide interpolymer fibres and films for ...	879
system, Effect of steric factors on properties of dyes containing ...	95	High temperature application of polyester fibre ( <i>Symposium</i> ) ...	387
<b>Diphenylamine</b> , 3-Chloro- and derivatives in concentrated sulphuric acid, Spectrophotometric study ...	788	from 4-hydroxybenzothiazoles, Yellow metallisable monoazo ...	875
<b>Diphenylmethane</b> , Spectroscopic study ...	432	Mechanism of adsorption by cellulose acetate ( <i>Correspondence</i> ) ...	655
<b>Diphenylmethanol</b> , Ethoxyphenyl- ...	96	Metal complexes of anthraquinone ...	792
3-Hydroxy-2-naphthyl-, Properties ...	96	Metallisable monoazo ...	791
<i>m</i> -Hydroxyphenyl-, and corresponding free radical ...	96	Methin, for synthetic fibres as fluorescent pigments and brightening agents ...	604
<i>o</i> -Hydroxyphenyl-, Properties ...	96	Monoazo, from 2-amino-5-nitro-thiazoles ...	197
<b>Diphenylmethyls</b> , Halogenophenyl- ...	96	„ from <i>NN</i> -bis(cyanoethyl)anilines, Orange and red ...	494
<b>Diphenylurea</b> , Diamino-, Sulphonated bis(naphthotriazoles) from ...	194	„ from 2:4-bis(methylsulphonyl)aniline ...	198
<b>Diquinoline</b> dyes, Syntheses of substantive ...	433	„ containing a 3-oxobutyl or 3-hydroxybutyl group ...	660
		„ containing a phenylmorpholine ring ...	660
		„ having a carbamic ester group, Yellow ...	494
		„ from cyanoanilines ...	560
		„ having a $\beta$ -cyano- $\beta$ -fluoromethyl-ethylamino group ...	435

	PAGE		PAGE
<b>Disperse Dyes—continued</b>		<b>Dye—continued</b>	
Monazo, from epichlorohydrin ...	559	uptake meter for studies of dyeing kinetics ( <i>Communi-</i>	168
„ having an <i>N</i> -hydroxyalkyl or <i>N</i> -cyanoethyl group ...	559	cation) ...	429
„ Orange and red ...	198	vessel ...	429
„ Red metallisable ...	560	<b>Dyes See under Acid, Azo, Basic, Disazo, etc.</b>	
Nitro diarylamine methin ...	437	Acid mordant, Effect on permanent set of wool ...	563
Nitroarylamines ...	600	Behaviour towards Deinking chemicals ...	444
Nitrodiarylamines ...	600	Chemical modification of ...	609
Nitro-diphenylamine ...	437, 600	in computers ...	91
Orange to red azo, from 1-methyl-2-( <i>p</i> -aminophenyl)		containing diphenyl system, Effect of steric factors on	
benzimidazole ...	661	properties ...	95
Paper chromatography ( <i>Correspondence</i> ) ...	858	Device for selecting ...	620
Polyhydroxy- $\beta$ -acylaminoanthraquinone ...	602	European production 1957 ...	773
Pink-red, Quaternary ammonium anthraquinone salts ...	56	fixed on fabric ...	498
for polyester fibres, Hydroxyanthraquinones ...	56	Identification on textile fibres ...	111
Polyester, Thermal stability on wool ...	804	Increased diffusion into cellulose ...	105
from pyrocatechol dialkyl ether ...	787	Increasing affinity of synthetic fibres for ...	66
Quinophthalone ...	792	Infrared properties ...	498
Transfer to cellulose acetate during steaming ( <i>Communi-</i>		in "massive" state, Determination of optical properties	
cation) ...	464	by mirror reflection method ...	193
Yellow monazo, for polyester fibres ...	663	2:1 and 1:1 metal-complex, Identification on fibre ...	811
Yellow to orange-red ...	494	Metal-complex salts ...	706
<b>Dispersing agent, Polymeric</b>	785	Migration in fibre-substance during steaming	
in preparing aqueous dispersions of polyfluoroethylenes,		( <i>Symposium</i> ) ...	345
Chlorendic acid as ...	49	Organic, Absorption spectra and fluorescence properties	
<b>Dispersol AC (ICI) (Pattern Card)</b>	869	of concentrated solutions ...	52
<b>Disulphides, Benzidine-type rearrangement of aromatic</b>	96	„ Electronic photoreactions ...	660
<b>Doctor knife, Plural colour</b>	671	„ Influence of gases on photoeffect ...	76
Air-stream, Cleaning device for ...	49	„ Separation component in synthesis ...	708
for papermaking and other machines ...	784	for photography, Century of progress in synthesis	
<b>Dow light absorbers (Dow Chemical Co.) (Pattern Card)</b>	868	( <i>External Address</i> ) ...	765
<b>Drier, Cylinder</b>	188	Photoreduction of bound ...	75
<b>Driers</b>	49	in solid state, Photochemical stability ...	207
2-Ethylhexoic acid derivatives of zirconylic acid ...	49	in solution, Determination ...	504
for paints, etc., Organic silicate compounds ...	660	in solution, Light absorption ...	598
<b>Drums for dyeing machines, Internally heated</b>	48	in solution, Polymerisation ...	104
<b>Dry-cleaning</b>	880	Substantivity and its causes ...	440
Discoloration of Orlon sweaters in ...	207	Surface-active, Synthesis and properties ...	493
plant ...	313	Volumetric determination ...	676
test methods ...	220	<b>Dyehouse laboratory, Work of colourist in (Lecture)</b>	542
today ...	717	<b>Dyeing, Abstracts</b>	65, 104, 207, 321, 440, 498, 563, 609, 669, 718, 801, 880
Use of water carriers in ...	320	acrylic fibres ...	106, 881
<b>Dryer, Tubular-knitted fabric</b>	870	„ with acid dyes in presence of cupric salt and	
<b>Drying cans, Use of gas heating for</b>	48	naphthol compound ...	805
carded laps ...	703	„ Basic dyes for ...	209
cloth ...	659	„ with basic dyes, Mechanism ...	106
fabric, Factors affecting ...	613	„ and blends with cellulosic fibres ...	880
fabric, paper, etc. ...	870	„ by cuprous ion method, Chemistry and technique	106
fibres obtained by chemical retting ...	703	acrylonitrile fibres, Assistant for ...	805
flat or loose material ...	313	apparatus ...	870
machine for laundries, Continuous drum ...	189	apparatus, Micro- ...	447
machines for coated textiles, paper, etc. ...	188	assistant for chrome-complex dyes ...	65
paper or cloth ...	188	beamed material under pressure ...	48
printed or coated cloth, paper, etc. ...	703	behaviour and quality of felt ...	506
staple fibre ...	703	for carpet trade, Recent developments ( <i>Lecture</i> )	677
textiles, Capillary ...	211	cellulose acetate, nylon, polyester material and cyano-	
textiles, Physical and thermodynamic aspects ...	323	ethylated cellulose ...	190
thick porous bodies during the falling-rate period,		cellulosic fibres, Continuous ...	105
Mechanism ...	65	„ Theory ...	321
tubular fabric ...	188	cloth, Recipes ...	498
warps, fabrics, etc. ...	658	„ vari-tone ...	881
<b>D.S.I.R., Lending library</b>	90	coarse medulla-containing fibres in wool blends ...	65
<b>Duplicating, Spirit, Transfer sheets for</b>	881	conditions, Effect on quality of wool fibre ...	207
<b>Duplication, Direct or spirit process, Dense black images</b>	881	Continuous, of fabrics of polyamide and polyester fibres	105
<b>Durene, Factor group splittings in electronic spectra</b>	599	„ filament nylon with disperse and anionic dyes	
<b>Dye adsorption by cellulose and chitin</b>	846	( <i>Symposium</i> ) ...	252
affinity of textile fibres compared ...	881	Courtelles for woollen and worsted trade ...	804
analysis, Plate chromatography in ...	676	crimped yarns of synthetic fibres ...	67
classes, Identification on dyed natural and synthetic		Effects of solvents in ( <i>Correspondence</i> ) ...	163
fibres ...	619	factors influencing levelness ...	207
Determination of solubility ...	327	faults, Use of birefringence for investigating	508
formation in colour photography, Mechanism ...	50	fibres difficult to dye ...	670
forming coupling, Electrochemical studies ...	50	Helanca ...	804
Relation between adsorption properties and photo-		High-temperature ...	106, 563
chemical behaviour ...	802	High-temperature, Polyester fibres ...	804
-retarding agents for Orlon, Efficiency and chemical		highly polymeric esters ...	322
structure ...	804	industry, Impact of man-made fibres on ( <i>Symposium</i> )	120
selectivity, Determination ...	730	in the laboratory, Mechanical ...	887
structure, Influence on rate of wool dyeing		machine ...	658
test, Cylinder ...	76	„ Continuous ...	658

[illegible]



	PAGE		PAGE
<b>Felting—continued</b>		<b>Finishing—continued</b>	
properties, of wool and animal hairs ...	205	compositions, Stable, containing <i>NN</i> -alkyleneurea com- pounds ...	705
„ of wool, Epoxy resins and polyalkyleneamines for reducing ...	882	Crease-resist and crease recovery ...	324
<b>Ferric Red</b> , Preparation by topochemical method ...	197	Durability of water-repellent ...	443
<b>Ferrosilicon</b> in organic reductions ...	492	ladies' hose ...	325
<b>Festooned fabric</b> , Conveying ...	870	machinery, Spring padding units for textile and garment materials, Abstracts ...	188 49, 93, 189, 314, 429, 491, 557, 595, 659, 704, 784, 870
<b>Fibre</b> , Abstracts ...	63, 102, 204, 318, 439, 496, 562, 606, 667, 716, 797, 879	Mechanical, of regenerated cellulose fabrics ...	882
blends, Determination of performance in wet processing (Lecture) ...	77	Mechanisation of ancillary operations ...	93
crystallinity during acid hydrolysis ...	326	plastic sheets or coatings ...	108
identification ...	618	pleated knitted fabrics ...	807
Influence of capillary forces on swelling ...	879	Problems of wash-and-wear ...	324
microscopy—Its technique and application ( <i>Corres- pondence</i> ) ...	655	process for yarn ...	500
mixtures, Selective solvents for analysing ...	76	Silicone resins in ...	220
replication for light microscopy ...	323	textiles, Acetylene diurea-formaldehyde resins for ...	705
research, Preparatory methods in electron microscopy ...	505	„ Colloidal dispersion of dextran for ...	429
solutions, Ultraviolet transmission ...	439	„ isocyanates in ...	324
surfaces for light microscopy, Aluminium replicas ...	323	woollen and worsted fabrics ...	565
suspensions, Stabilisation ...	723	<b>Finishing agents</b> , Conversion products of high carbohydrates or carbohydrate ethers ...	558
systems, Bulk, Compressional and absorptive behaviour ...	505	nitrogenous condensates ...	190
<b>Fibres</b> from cellulose thiourethane-acrylic acid derivatives ...	206	Quaternary ammonium derivatives of unsaturated esters and amides and polymers ...	659
Chemical modification ...	669	<b>Fire accidents</b> , Contribution of textiles ...	619
Chemical modifications of natural ...	204	<b>Fireproof</b> See also Flame-resisting	
Formation ...	562	<b>Fire-resistance test</b> , Vertical, Automatic ignition and timing of flame ...	448
Identification of non-carbonisable ...	73	<b>Fire-resistant treatment</b> of cotton with phosphorylamide ...	324
Laminar structure and textile ...	562	<b>Fishing nets</b> , Impregnation of yarns for ...	211
New synthetic ...	799	<b>Fixoxanthine</b> ...	874
Plant for washing loose ...	783	<b>Fixing agents</b> , Effect on fading of dyed regenerated cellulose ...	207
Profiled, of special cross-section and surface ...	103	<b>Flameproof</b> See also Flame-resistant	
Reaction spinning ...	798	<b>Flameproofing</b> cellulose textiles by phosphoric acid-urea ...	324
Swelling of cut end ...	319	textile fabrics with particular reference to the function of antimony compounds ...	823
Synthetic ...	319	<b>Flame-resistance</b> , Chemically modifying cellulose for ...	565
„ Determination of homogeneity of blends with wool ...	730	using 2-chloroethylphosphates ...	70
„ Identification of unknown ...	619	<b>Flame-resistant fabric</b> , Dyed ...	443
„ Increasing affinity for dyes ...	66	film-forming composition ...	204
„ Status in textile field ...	799	finish ...	108, 501, 722, 808
Table of ...	797	„ by use of alkali metal fluoride and boric acid or anhydride ...	871
Terminology ...	699	„ of cellulosic fabrics with phosphorus-containing resins (Lecture) ...	829
Textile, Catalysts in photodegradation ...	879	„ for cellulosic materials ...	566
Textile, Degradation by radiation and heat ...	439	„ Guanymelamine pyrophosphates for ...	430
treated with dispersions of silica and a metallic oxide ...	565	„ of high fastness to leaching ...	212
treated with liquid in a closed circuit ...	703	„ for nylon ...	615
Universal decimal classification ...	102	„ of textiles; especially by tetrakis(hydroxyphosphonium chloride and other methods based on phosphorus... and glow-resistant finishes for cellulosic and natural protein textiles ...	807 326
<b>Fibroin</b> , Amino-acid sequence in a fraction ...	102	paint, Phosphorus-containing polyester resins for ...	660
<b>Fibrous materials</b> , Concept of ultratexture ...	879	regenerated cellulose ...	445, 717
<b>Filaments</b> , Synthetic, Influence of scale factor on properties ...	497	synthetic resins ...	71
<b>Filamentary materials</b> , Continuous treatment ...	557	textiles, Aqueous emulsions for ...	786
<b>Film</b> , Thermoplastic, Embossing ...	811	„ Nitro-methylol-phosphorus polymers and bromine compounds ...	786
Thermoplastic, Surface treatment ...	568	viscose rayon ...	603
Microporous ...	327	<b>Flame-resisting agents</b> for cellulose ...	491
Protective, having a bright reflective metallic lustre ...	216	„ Water-dispersible solid nitrile-methylolphosphorus polymers ...	491
<b>Finishes</b> , Brushing polychrome ...	496	„ Water-insoluble phosphates of basic organic condensates cellulosic materials ...	191 722
Combined goffered and glazed chintz ...	70	compositions for resinous polymers ...	503
Dicarbamate-formaldehyde resins as ...	94	finishing composition ...	491
Durable lustrous ...	108	<b>Flame-retardant agents</b> , Cellulosic solutions containing weather-resistant finish for cellulose ...	799 808
Epoxy resin ...	325	<b>Flame-retarding composition</b> ...	491
for increasing moisture absorbing properties of nylon fabrics ...	108	<b>Flammability</b> determination of fabrics ...	74
Minimum-iron, on rayon and cotton ...	324	of thin flexible materials ...	116
Nitrogen-containing polyvinyl ethers ...	94	<b>Flash-ageing</b> of vat-printed viscose rayon fabrics ( <i>Symposium</i> ) ...	331
Pleated ...	882	<b>Flatting Agent</b> , Silica gel ...	716
Polymerisable and co-polymerisable amide-like ...	49	for synthetic resin coating compositions, Phosphate esters and their amine salts ...	606
Resin ...	325	Zinc stearate ...	716
Resin, on cotton, Chlorine retention by ...	74	<b>Flavonoids</b> of primulaeae ...	434
Rotproof ...	326	<b>Flavonols</b> , Conversion into anthocyanidins ...	55
stable resinous precondensates as ...	94		
Stoving, non-yellowing ...	606		
on synthetic fibre or thermoplastic cellulose fabrics, Durable stiffened ...	212		
Textile, Organosilicone emulsions as ...	314		
Water-repellent ...	69, 213, 443		
Wrinkled or ripped ...	501		
<b>Finishing</b> , Abstracts ...	68, 107, 211, 323, 442, 500, 564, 613, 671, 720, 806, 882		
cellulose triacetate and in particular setting, embossing and pleating ...	842		
cellulosic fabrics, Application of novel chemical com- pounds ...	443		

	PAGE		PAGE
<b>Flavocyanines, New</b> ... ..	315	<b>Fungi, Sheets of filaments of</b> ... ..	894
Symmetrical ... ..	433	<b>Fungicidal composition</b> ... ..	191
<b>Flax cells, Primary and cotton fibres, Comparative mechanical properties. Effect of degradation by hypochlorites</b> ... ..	717	composition comprising copper-8-quinolinolate with heavy metal salts of alkyl-phosphoric acid esters ... ..	430
cheeses, Dyeing ... ..	802	composition for paints ... ..	191
pectin, Molecular weight ... ..	607	<b>Fungicide, S-Alkyl, alkoxyalkyl and arylmercury derivatives of 2-mercaptobenothiazole</b> ... ..	450
scouring ... ..	717	Azo and mercurated azo derivatives of 2-aminothiazoles	559
<b>Flexible coated sheeting</b> ... ..	213	Dithiocyanato-substituted 1:4-naphthoquinones ... ..	506
sheeting, Light-reflecting ... ..	213	Metallo-organic, Electroanalysis of copper applied as ... ..	507
<b>Flexometer, Textile</b> ... ..	219	Phenolic, Identification and estimation in mildewproof materials ... ..	610
<b>Flock-coated rubber, Slip-finish</b> ... ..	216	testing, Devices and techniques ... ..	610
textile fabrics ... ..	501	Textile, 2:2'-Dihydroxy-5:5'-dichlorodiphenylmethane ... ..	69
<b>Floor coverings, Permanently flexible</b> ... ..	727	<b>Fur, Abstracts</b> ... ..	70, 109, 215, 327, 445, 502, 567, 617, 675
<b>Flotation</b> ... ..	101	dyeing, Interaction of Oxidation Bases and oxidising agents ... ..	66
<b>Floxan cellulose fibre</b> ... ..	184	„ with vat dyes ... ..	584
<b>Fluid bed, Application to textile processing</b> ... ..	188	Interaction of intermediate and oxidising agents in dyeing ... ..	502
„ Heat treatment of textiles in ... ..	784	Lustering ... ..	676
<b>Fluidised bed, Air or gas distribution under</b> ... ..	188	Oxidation dyeing of ... ..	675
<b>Fluorene, 2:7-Dinitro- and 2-nitro, Derivatives</b> ... ..	597	pile fabrics, Cleaning synthetic ... ..	206
Effect of substituents on colour of monoazo dyes from ... ..	95	„ fabrics simulating natural ... ..	506
<b>Fluorescence of crystalline lens and electroretinographic sensitivity determinations</b> ... ..	506	skins, Polyalkylene oxide wax derivatives for oiling ... ..	726
of disodium salt of 4:4'-diaminostilbene-2:2'-disulphonic acid and Blancophor A ... ..	194	„ Treating ... ..	726
properties and absorption spectra of concentrated solutions of organic dyes ... ..	52	„ Use of ammonium salts and enzymes instead of acid pickle in dressing ... ..	71
spectrum of opaque materials, Diffusion fluorimeter determination ... ..	888	<b>Furnace Blacks See also Carbon Black</b> ... ..	495, 667
<b>Fluorescent cations, Electron states of stable and metastable molecules</b> ... ..	105	<b>Furnace Black</b> ... ..	495, 667
coloured porcelain enamel ... ..	716	slurries ... ..	605
derivatives of 1:2:3-triazole ... ..	194	<b>Furoyl acetanilides, Azo dyes from</b> ... ..	787
dyeing resinous pigments ... ..	202	acetylalides, Monoazo compounds from ... ..	787
dyes, Labelling synthetic resins with ... ..	115		
organic materials and chemical constitution ... ..	710		
pigment compositions ... ..	317, 495		
<b>Fluorescent Brightening Agents</b> ... ..	199, 561, 604, 666, 710, 714		
Degradation by light ... ..	440		
Evaluation of whitening efficiency ... ..	75		
4-Methyl-7-aminocoumarin ... ..	603		
Mode of action and measurement of relative efficiency ... ..	504		
3-Phenyl-7-ureidocoumarins ... ..	200		
Quenching fluorescence of ... ..	711		
Sodium metasilicate compositions containing ... ..	93		
Tertiary substituted 2-aryl aryleneazoles ... ..	603		
<b>Fluoro-chemicals, Application to cotton fabrics to give oil- and water-repellent surfaces</b> ... ..	69		
<b>Foam stability</b> ... ..	608		
textiles ... ..	184		
<b>Folding machines, Cloth</b> ... ..	93		
<b>Food additives, Testing</b> ... ..	773		
Chromatographic study of new coal tar dyes allowed by food authority ... ..	729		
colorants, New French legislation ... ..	698		
Determination of carotene in ... ..	218		
Paper chromatography of organic colorants ... ..	729		
products, Fatty, Use of colouring ingredients in ... ..	208		
<b>Food Dyes, in Argentine, Paper partition chromatography</b> ... ..	729		
from bixin, yellow ... ..	604		
Carotenoid ... ..	874		
Carotenoid compounds as ... ..	197		
Determination of mercury in ... ..	812		
Extraction and identification of synthetic ... ..	218		
Permissible, Separation by two-dimensional chromatography and electrophoresis on paper ... ..	72		
Red carotenoid ... ..	790		
Synthesis of carotenoids for ... ..	600		
Toxic and non-toxic ... ..	874		
<i>trans</i> -4:4'-disubstituted carotenoid compounds as ... ..	316		
<b>Formaldehyde, Estimation by Romijn's method in presence of ammonium salts</b> ... ..	447		
evolution from textiles ... ..	220		
fumes from resin-treated fabrics in retail stores ... ..	614		
Kinetics of reaction with amides ... ..	443		
and paraformaldehyde, Quantitative determination in presence of one another ... ..	447		
Reaction with wool and its effect on digestion by insects ... ..	672		
<b>Formazans, Constitution and colour</b> ... ..	54		
<b>Formazones, Constitution and colour</b> ... ..	873		
<b>Foren Brilliant Violet BL (S) (Pattern Card)</b> ... ..	312		
<b>Frieze fabrics containing man-made fibres, Dyeing and finishing</b> ... ..	564		
		<b>Fungicide, S-Alkyl, alkoxyalkyl and arylmercury derivatives of 2-mercaptobenothiazole</b> ... ..	450
		Azo and mercurated azo derivatives of 2-aminothiazoles	559
		Dithiocyanato-substituted 1:4-naphthoquinones ... ..	506
		Metallo-organic, Electroanalysis of copper applied as ... ..	507
		Phenolic, Identification and estimation in mildewproof materials ... ..	610
		testing, Devices and techniques ... ..	610
		Textile, 2:2'-Dihydroxy-5:5'-dichlorodiphenylmethane ... ..	69
		<b>Fur, Abstracts</b> ... ..	70, 109, 215, 327, 445, 502, 567, 617, 675
		dyeing, Interaction of Oxidation Bases and oxidising agents ... ..	66
		„ with vat dyes ... ..	584
		Interaction of intermediate and oxidising agents in dyeing ... ..	502
		Lustering ... ..	676
		Oxidation dyeing of ... ..	675
		pile fabrics, Cleaning synthetic ... ..	206
		„ fabrics simulating natural ... ..	506
		skins, Polyalkylene oxide wax derivatives for oiling ... ..	726
		„ Treating ... ..	726
		„ Use of ammonium salts and enzymes instead of acid pickle in dressing ... ..	71

	PAGE		PAGE
<b>H</b>		<b>Hydrophobic fibres, Dyeing in solutions of solvents</b>	
<b>Haematoxylin chemistry</b> ... ..	789	(Symposium) ... ..	236
<b>Hair, Accelerating action of alkaline thioglycolic acid</b> ... ..	722	<b>Hydrophorphyria, Novel</b> ... ..	53
Animal, Curling with sulphur dioxide in aqueous solution ... ..	723	<b>Hydroxyazo dyes, Sulphonated, Adsorption and partition</b>	
" Milling ... ..	443	methods in separation of <i>ortho</i> and <i>para</i> isomers ... ..	432
Carroted, Evaluation by chemical tests ... ..	116	<b>o-Hydroxyazo compounds, Effect of ring fusion</b> ... ..	432
Cold waving composition ... ..	660	<b>p-Hydroxyazobenzene derivatives and homologues, intra-</b>	
colouring, Temporary ... ..	718	molecular hydrogen bonding and tautomerism ... ..	558
dyeing with metal-complex dyes ... ..	207	Hydrogen bonding effect on electronic absorption	
dyes ... ..	67	spectrum ... ..	597
" Analysis ... ..	728	<b>Hydroxyl groups, Interchange with sulpho groups</b> ... ..	787
" Silver salts as ... ..	67	" Introduction into hydrocarbons ... ..	874
Felling properties of animal ... ..	205	<b>Hydroxylamine, Reaction with polyacrylonitrile in aqueous</b>	
Human, Dyeing ... ..	670	medium ... ..	885
" Oxidation bases for dyeing ... ..	877	<b>Hypochlorite solutions, Behaviour of resin-treated fabrics</b>	
pH factor in washing ... ..	65	towards ... ..	443
setting compositions ... ..	326		
<b>Halogen replacement in azo compounds</b> ... ..	872	<b>I</b>	
<b>Handle, Fabric, New tester</b> ... ..	729	<b>I'inskii M A, Biography</b> ... ..	76
<b>Heat of dyeing and adsorption equilibrium, Microdesorption</b>		<b>Illumination, Artificial, Optimum source for matching colours</b>	
determination ... ..	219	<b>Immedial Indone RR, Affinity for cotton</b> ... ..	789
<b>Heating continuously moving threads</b> ... ..	313	<b>Imperon dyes, Pigment dyeing of fabrics with</b> ... ..	803
fabric, paper, films, foils, etc., Continuously		<b>Impranils, Polyurethane resins</b> ... ..	882
flat or loose material ... ..	313	<b>Impregnate content of a fabric, Testing</b> ... ..	888
<b>Hectograph black</b> ... ..	318	<b>Indane-1:3-dione, Condensation with diazonium compounds</b> ... ..	432
<b>Hectographing, Copy production by</b> ... ..	671	<b>Indaniline dyes, Colour and constitution</b> ... ..	710
<b>Helanca, Dyeing</b> ... ..	804	" Coupling of <i>NY</i> -dialkylquinonedilmonium salts to	
<b>Helizarin Brilliant Red BB (BASF) (Pattern Card)</b> ... ..	868	yield ... ..	710
Brown R (BASF) (Pattern Card) ... ..	868	<b>Indanthren, Anthra and Brilliant Indigo dyes (BASF) (Pattern</b>	
<b>Hemp celluloses, Native</b> ... ..	318	Card) ... ..	780
cheeses, Dyeing ... ..	802	Blue HCBG (FH) (Pattern Card) ... ..	781
scouring ... ..	717	Copper HR (FH) (Pattern Card) ... ..	781
<b>Henna leaves for dyeing textiles</b> ... ..	498	dyes ... ..	90
<b>Heparin, Reversible complex with Acridine Orange</b> ... ..	873	" Application and action of Solidegal GL when dyeing ... ..	802
<b>Hexagon Digest No. 25 (ICI) (Pattern Card)</b> ... ..	48	" Screen prints with (FH) (Pattern Card) ... ..	781
No. 26 (ICI) (Pattern Card) ... ..	869	" Padded dyeings with (FBg) (Pattern Card) ... ..	311
<b>Hexamethylenediamine, Mechanism of reductive alkylation</b> ... ..	885	<b>Indanthrone crystallisation</b> ... ..	611
<i>N</i> -alkylated, Synthesis of polyamides from		<b>Indazole, Mechanism of coupling with diazonium salts</b> ... ..	661
<i>cyclohexylamine</i> , Quantitative determination in rayon ... ..	328	<b>Indian colour fastness standards</b> ... ..	772
spin baths ... ..	676	National Chemical Laboratory, Poona	
<b>Hide, Bating after-treatment with a protease</b> ... ..	215	textile symposium ... ..	772
Fat-liquoring chrome-tanned		<b>Indicator colour changes</b> ... ..	96
membranes, Electroendosmosis through ... ..	725	dyes ... ..	713
<b>Hiding power</b> ... ..	505	New group of metalochromic	
" Mathematical analysis of precision in determining ... ..	505	Indigos, 1:8-Naphthalenethiophen-phenanthrene-	
<b>High polymer conference, International</b> ... ..	771	Indigosols, Photo-oxidation on rayon ... ..	315
<b>High-temperature disperse dyeing of Terylene (Symposium)</b> ... ..	387	Printing on triacetate ... ..	670
dyeing, Colloquium (Symposium) ... ..	382	<b>Indole, Action of lithium aluminium hydride on</b> ... ..	805
" of continuous-filament yarns of man-made fibres		<b>Indoline, 3-Hydroxy-, Preparation and properties</b> ... ..	434
(Symposium) ... ..	390	<b>Indone direct dyes, Paper electrophoresis</b> ... ..	873
" of nylon with acid and mordant dyes (Symposium) ... ..	392	<b>Indone direct dyes, Paper electrophoresis</b> ... ..	598
" of Terylene slubbing or loose stock (Symposium) ... ..	382	<b>Infrared absorption spectroscopy for cotton investigation</b>	
<b>Historical dyes, Preservation</b> ... ..	305	properties of colouring matters for camouflage ... ..	732
<b>Homogeneity of blends of wool and synthetic fibres, Deter-</b>		<b>Ingrain effects in wool dyeing</b> ... ..	65
mination ... ..	730	<b>Ink, Abstracts</b> ... ..	564
<b>Homogeneous multi-component liquid mixtures, solutions or</b>		62, 100, 203, 318, 438, 495, 562, 606, 607,	
emulsions ... ..	783	716, 796, 878	
<b>Homovitecin, Nature</b> ... ..	493	for ball point pens ... ..	203
<b>Hong Kong, Dyeing, printing and finishing in</b> ... ..	699	Chromatographic analysis ... ..	729
<b>Horticultural colour chart names with Munsell key</b> ... ..	113	colour measurements ... ..	730
<b>Hose, Finishing ladies'</b> ... ..	325	for duplicators or carbon papers ... ..	439
Screen printing ... ..	703	Dye toned printing ... ..	562
<b>Hosiery boarding and presetting apparatus</b> ... ..	93	Dyes for ball point pen ... ..	203
inspection form ... ..	659	Erasable black, for ball point pens ... ..	797
transfers ... ..	93	Fountain pen, standardisation of myrobalan extracts for	
<b>Huddersfield Technology Diploma dyeing course</b> ... ..	696	manufacture of ... ..	885
<b>Hungarian dye and fibre production</b> ... ..	773	Hectograph, Colouring for ... ..	797
<b>Hydrazides from polyacrylic acids</b> ... ..	788	" Crystal Violet for shading blacks	
<b>Hydrazine, Action on Terylene (Communication)</b> ... ..	762	modern, and coated paper ... ..	318
<b>Hydrazo compounds, Disproportionation on heating with</b>		Organic, for use on glass or ceramics ... ..	878
salts of amines and weak acids ... ..	787	Printing ... ..	439
" Preparation ... ..	314	" Anti-misting ... ..	439
<b>Hydrazobenzene, Preparation using iron as reducing agent</b> ... ..	492	" Bleed-resistance of pigments for ... ..	203
<b>Hydrocarbons, Alternant, Effect of methyl substitution on <math>\alpha</math>-</b>		" containing anti-skinning agents ... ..	667
and $\beta$ -bands of ultraviolet spectrum ... ..	97	" Determination of transparency ... ..	218
<b>Hydrocellulose, Action of chlorous acid</b> ... ..	70	" or dyeing plasticised polyvinyl acetal sheeting ... ..	203
Effect of cellulose on degree of polymerisation ... ..	318	" for high speed printing ... ..	203
<b>Hydrogen bonds, Role in dyeing processes</b> ... ..	104	" Improving adhesion to polyethylene terephthalate ... ..	881
peroxide, Determination in bleach baths ... ..	112	" Polyethylene film more receptive of ... ..	727
" Determination in bleach baths (Erratum) ... ..	184	" Progress ... ..	878
sulphide, Titration with organic mercury compounds ... ..	507	" Rapid setting ... ..	878
		vehicles, Hectograph ... ..	878
		Writing ... ..	562



	PAGE		PAGE
<b>Inorganic substances, Increasing bulk density and degree of</b>		<b>L</b>	
aggregation of finely divided ... ..	877	<b>Lacquers</b> ... ..	667
<b>Insect and rodent repellent</b> ... ..	786	Analysis ... ..	612
<b>Insecticides, Quaternary phosphonium polyphosphates</b> ... ..	191	Non-hygroscopic, Benzyl dextrins in ... ..	797
<b>Interference microscope in fibre research</b> ... ..	112	Pigmented rolled masses for ... ..	102
<b>Intermediates, Abstracts</b> ... ..	50, 94, 192, 314, 430, 492, 558, 596, 660, 706, 786, 872	<b>Lanasyn Brilliant Red 2BL (S) (Pattern Card)</b> ... ..	312
Anthraquinone ... ..	60	Brilliant Yellow 5GL (S) (Pattern Card) ... ..	594
<b>Intermolecular forces, Calculation by means of density measurements</b> ... ..	616	colours on wool piece (S) (Pattern Card) ... ..	594
<b>International Federation Congress, London 1959</b> ... ..	37	<b>Lanthionine, Estimation in wool</b> ... ..	812
<b>International Standards Organisation See I.S.O.</b>		<b>Latex backed fabrics, Need for standardising accelerated ageing tests for</b> ... ..	75
<b>Ion exchangers, Cellulose phosphates as</b> ... ..	327	<b>Laundering, Effect on chlorine retention and crease resistance of cotton finished with dimethylethyleneurea</b> ... ..	614
<b>Irgalan Navy Blue 2GL (Gy) (Pattern Card)</b> ... ..	311	procedures in commercial laundry and in the home ... ..	608
<b>Irganol Orange GRLS (Gy) (Pattern Card)</b> ... ..	781	woven wool fabrics in a modern home washing machine ... ..	601
<b>Iron Blue, Intermediates for</b> ... ..	317	<b>Lauryl alcohol, Adsorption at air-liquid interface</b> ... ..	65
Complexometric determination in presence of Variamine		<b>Lead chromate for colouring plastics</b> ... ..	202
Blue indicator ... ..	217	chromate, Effect of acidity of initial solution on light fastness ... ..	55
fixed in leather, Determination ... ..	508	chrome pigments for colouring cellulose acetate ... ..	202
oxide pigments ... ..	605	cyanamide ... ..	663
" " Colour stability of red ... ..	97	Production and use as varnish and paint pigment ... ..	663
Red oxide of ... ..	561	pigment, Metallic ... ..	53
<b>Isoatin Blue, structure</b> ... ..	52	" oxides and metal, spectrographic analysis ... ..	504
derivatives, Action of lithium aluminium hydride on ... ..	434	<b>Leather</b> ... ..	502
<b>I.S.O. Conference on colour fastness tests, Fifth</b> ... ..	709	Abstracts ... ..	70, 109, 215, 327, 445, 502, 567, 617, 675, 725, 810, 854
		Acrylic coatings for ... ..	567
<b>J</b>		Aniline finish ... ..	810
<b>Japan, Production of man-made fibres in</b> ... ..	773	Artificial, Finishing ... ..	727
<b>Japanese science, Information on</b> ... ..	586	" Hardening ... ..	810
<b>Jig</b> ... ..	188	Assessment of colour fastness ... ..	732
<b>Jute, Analytical studies of photochemically degraded</b> ... ..	439	Chrome, vegetable and sulphonyl-chloride tanned, Polyamide coating on ... ..	215
cellulose, Problems of research in chemistry of ... ..	204	Chrome-tanned, Wettability ... ..	445
celluloses, Native ... ..	318	cloth, etc., Hardening varnish coatings on ... ..	70
$\alpha$ -cellulose, Examination of oligosaccharides from fibres, Size of intermolecular spaces and capillaries ... ..	318	Coloured, Proposed official method for fastness to perspiration ... ..	115
hemicellulose, Uronic acids ... ..	879	" Proposed official method for fastness to water ... ..	115
Rotproofing by treatment with soluble copper salts ... ..	69	" Provisional method for testing fastness to organic solvents ... ..	620
treated with caustic soda solution, Crystallite orientation	102	Determination of fixed chrome and iron in drying ... ..	508
		dyes, Black, dark blue and dark green trisazo ... ..	557
<b>K</b>		" Black trisazo ... ..	714
<b>Kapok celluloses, Native</b> ... ..	318	" Brown and black metal-complex polyazo ... ..	791
<b>Karl Fischer reagent, Moisture content of textile fibres with</b> ... ..	219, 328	" Green trisazo ... ..	50
<b>Keratin, <math>\alpha</math>-<math>\beta</math> Transformation</b> ... ..	607	" Red disazo ... ..	59
Amino-acid composition ... ..	668	" Violet, dark green, dark blue and black polyazo ... ..	601
Densities of native ... ..	64	Dyeing glove ... ..	70
derivative, Reaction with Orange II ... ..	803	filling ... ..	726
Diffusion of acid ions ... ..	63	filling with modified vinyl ether-maleic anhydride copolymers ... ..	110
fibres, Microscopic studies ... ..	607	finish adhesion test ... ..	115
" Penetration and supercontraction by lithium bromide solutions ... ..	406	" Modern ... ..	109
" Supercontracted, Application of statistical theory of elastomers ... ..	319	" and paints, Effect of synthetic dispersions on preservative and fungicidal ingredients of emulsions ... ..	726
" Supercontraction in solutions of caustic potash (Communication) ... ..	85	" Properties ... ..	71
" Variability of set ... ..	798	" Provisional method for determining transfer of colour in washing ... ..	732
Fine structure ... ..	319	" Provisional method for testing colour fastness to heat ... ..	732
Horn, Reaction with solutions of sodium hypochlorite ... ..	798	" Provisional method for testing fastness to water spotting ... ..	732
Molecular organisation ... ..	64	finishing with resin dispersions ... ..	676
Preparation of soluble ... ..	102	" Full-chrome, Liming and filling (ICI) (Pattern Card) ... ..	312
Quantitative X-ray study of $\alpha$ - $\beta$ transformation ... ..	319	Glacé kid and glazed sheep ... ..	725
Reactivity ... ..	607, 807	Inorganic pigments for colouring ... ..	445
solutions for fibres ... ..	799	Light, Proposed official method for testing fastness to rubbing ... ..	115
<b><math>\alpha</math>-Keratin, Structure</b> ... ..	668	" wetted from back with organic solvents, Provisional method for testing fastness to rubbing ... ..	620
structure, models ... ..	102	like finish on polyvinyl chloride sheeting ... ..	727
<b>Ketazine bishydrazones and their coloured salts</b> ... ..	789	Melamine and resorcinol resins for finishing membranes, Electroendosmosis through ... ..	675
<b>Keten, Acetylation of primary aromatic amines with</b> ... ..	94	Production of corrected grain ... ..	725
<b>Ketones, Reactions in surface films and adsorption by cellulose acetate</b> ... ..	104	substitutes, Water vapour-permeable ... ..	71
<b>Kid, Glacé, Dyeing black</b> ... ..	804	Sulde, Thermoplastic material resembling ... ..	111
<b>Knecht Memorial fund</b> ... ..	6	Upper, Influence of glazing on properties ... ..	725
<b>Knitted fabrics, Bleached, Light reflection in visible and ultra-violet range</b> ... ..	887	Waterproofing ... ..	215
" Finishing pleated ... ..	807	Waterproofing with organo-silicon compounds ... ..	445
" Handling tubular ... ..	870		
<b>Koenig dye synthesis, Structure of primary condensate</b> ... ..	198		
<b>Kraus-Markert-Viertel test, Modification (Communication)</b> ... ..	85		
<b>Krefeld Färberei, Druckerei und Appreturschule</b> ... ..	773		

	PAGE		PAGE
<b>Leather—continued</b>		<b>Meerwein arylation of anthracene, 9-phenylanthracene and</b>	
Water-repellent ... ..	445	9-anthracic acid ... ..	493
White, by tanning with zinc sulphide or sulphhydrate ...	810	<b>Melafix II (Ciba) (Pattern Card) ... ..</b>	<b>594</b>
<b>Levelling agents, Non-ionic, Mode of action (Symposium) ...</b>	<b>221</b>	<b>Melamine, Detection ... ..</b>	<b>507</b>
<b>Lichens, Dyeing wool with ... ..</b>	<b>662</b>	Effect of impurities on condensation with formaldehyde	618
<b>Light of different intensity and colour, Capacity of human</b>		finish for leather ... ..	675
beings to discriminate between ... ..	116	<b>Mélangé effects in wool dyeing ... ..</b>	<b>564</b>
fastness of dyes and dyed textile fabrics ... ..	670	printing of Terylene (ICI) (Pattern Card) ... ..	809
of dyestuffs (ICI) (Pattern Card) ... ..	869	printing of wool; Increasing dye fixation ... ..	323
Subcommittee, Meeting ... ..	696	<b>Melanin, New type, and biogenesis of perylene derivative ...</b>	<b>106</b>
testing station, French ... ..	586	Structure ... ..	53
tests, Comparative ... ..	506	<b>Mercer Lectures ... ..</b>	<b>7</b>
sensitive composition, Pigmented, for decorating		Lecture (Fourteenth) ... ..	813
cellulose, metal and vitreous surfaces ... ..	211	<b>Mercerisation of cellulose, Phase transition study ... ..</b>	<b>205</b>
<b>Lightness in terms of C.I.E. tristimulus values ... ..</b>	<b>506</b>	Comparative, of various cottons ... ..	613
<b>Lignosulphonic acid, Reaction with chlorine dioxide ... ..</b>	<b>65</b>	of cotton fabrics treated with methylolmelamine resin ...	211
<b>Linen, Bleaching by continuous and semi-continuous methods</b>		Effects on physical properties of chemically modified	
materials, Determination of fluidity in cuprammonium		cottons ... ..	324
hydroxide solution ... ..	72	Improved light and weather resistance of cotton after ...	613
towelling, Water absorption and drying ... ..	800	of knitted cotton fabrics under tension ... ..	720
<b>Linoleum, Accelerating maturing ... ..</b>	<b>727</b>	Response of mechanical properties of cotton fibres to ...	807
Preventing stove staining in manufacture ... ..	615	<b>Mercerising cotton/ rayon blended fabrics ... ..</b>	<b>717</b>
<b>Liquid added to a viscous spinning solution, Apparatus ...</b>	<b>491</b>	liquor, Destruction of cellulose in ... ..	214
Application to cloth, paper, film, etc. ... ..	188	lyes, Reducing foaming tendency and enhancing wetting	
<b>Litharge, Oxidation in fluidised layer ... ..</b>	<b>196</b>	power ... ..	491
<b>Lithium aluminium hydride, Action on indole and isatin</b>		technique to establish true length of cotton yarn ... ..	505
derivatives ... ..	434	<b>Mercury, Determination in synthetic food dyes ... ..</b>	<b>812</b>
bromide solutions, Penetration and supercontraction of		<b>Mesomerism, Steric effects ... ..</b>	<b>53, 706</b>
keratin fibres by ... ..	496	Steric inhibition ... ..	706
carbonate for removing smell of urine from textiles ...	801	<b>Metal coated cloth ... ..</b>	<b>809</b>
salts, Supercontraction of wool in solutions ... ..	319	complex dyes for wool from mixtures of monoazo and	
Toxicity to keratin-digesting insect larvae ... ..	443	disazo compounds ... ..	435
thioglycolate as cold waving composition ... ..	705	finishes, Hammer, Resins for one-coat ... ..	878
<b>Lithographic coating, Casein-containing ... ..</b>	<b>881</b>	surfaces, Colouring ... ..	116
<b>Lithography, Tinplate, Progress in ... ..</b>	<b>881</b>	<b>Metallisation of fabrics ... ..</b>	<b>615</b>
<b>Lithopone, Effect of surface-active agents in physico-technical</b>		Metallised fabric ... ..	213
preparation ... ..	196	<b>Metallisable pliable sheet materials, Decorative effects ...</b>	<b>673</b>
<b>Lo-Kao—Chinese Green ... ..</b>	<b>53</b>	textiles ... ..	673
<b>London Section Badge ... ..</b>	<b>546</b>	<b>Metanil Yellow, Detection in pulses dal ... ..</b>	<b>75</b>
<b>Lubricant for knitting cellulose acetate or organic derivatives of</b>		<b>Methasol dyestuffs in cold-curing wood lacquers (ICI) (Pattern</b>	
cellulose ... ..	314	Card) ... ..	312
Textile ... ..	705	<b>Methin dyes ... ..</b>	<b>202, 604, 793</b>
for wool, Spinning ... ..	871	dyes for colouring plastics ... ..	57
Yarn ... ..	704	<b>Methoxyaryltiazolecarbocyanines ... ..</b>	<b>662</b>
<b>Lumicrase Blue 2BL (S) (Pattern Card) ... ..</b>	<b>312</b>	<b>Methyl acrylate, Polymerisation in allylated cellulosic fibres ...</b>	<b>672</b>
<b>Luminance required for constant brightness, Dependence on</b>		4:6-O-benzylidene- $\alpha$ -D-glucoside, Periodate oxidation ...	567
chromaticity and chromatic adaptation ... ..	730	Violet ... ..	703
<b>Luminol, Azo dyes from ... ..</b>	<b>873</b>	<b>N-Methyl groups, Determination alone and in presence of</b>	
<b>Luminosity characteristic, Photopic, Combination of photo-</b>		alkoxyl groups ... ..	728
receptor responses ... ..	113	<b>Methylene Blue, Benzoyl leuco-, Nitroderivatives as transfer</b>	
functions for various field sizes and levels of retinal		coatings for copy sheets ... ..	494
illumination ... ..	887	„ Naphthoyl leuco- as transfer coatings for copy sheets ...	494
<b>Lustre of textile fabrics and yarns measured ... ..</b>	<b>508</b>	„ number of regenerated celluloses of high carboxyl	
<b>Lustrometer for quality control ... ..</b>	<b>328</b>	content, Polarographic determination by suppression	
<b>Lycopene, Cleavage products of boron trifluoride complexes ...</b>	<b>663</b>	of oxygen maxima ... ..	448
		Photoreduction by ethylenediaminetetraacetic acid ...	51
		Photoreduction by fibrous sulphate using flash	
		irradiation ... ..	873
		Study of physical state in dyed films and its relation to	
		light fading rates (Communication) ... ..	164
		<b>leuco-Methylene Blue, Halogen derivatives ... ..</b>	<b>603</b>
		<b>Mica in emulsion paints ... ..</b>	<b>667</b>
		Powdered, Use in paints ... ..	203
		Synthetic ... ..	874
		<b>Micelles, Comparison of spectral and other results ... ..</b>	<b>103</b>
		<b>Micro dyeing apparatus for laboratory use ... ..</b>	<b>219</b>
		<b>Microdesorption method for determining adsorption equili-</b>	
		brium and heat of dyeing ... ..	219
		<b>Microdyeoscope, Microscopic studies with the high temperature</b>	
		pressurised ... ..	801
		<b>Micro-organisms, Cellulose-attacking, Finishing textiles with</b>	
		preserving and proofing agents and testing against ...	721
		organic coatings ... ..	667
		Protection of textiles against ... ..	324
		<b>Mildew-proofing agents for leather and textiles ... ..</b>	<b>557</b>
		<b>Mill, Homogenising ... ..</b>	<b>313</b>
		<b>Milled fabrics, Evaluation of test methods ... ..</b>	<b>610</b>
		<b>Milling, Acid ... ..</b>	<b>722</b>
		beaten and woven felts ... ..	206
		dyes for slubbing and loose wool (CDC) (Pattern Card) ...	311
		fastness tests, Prexa apparatus ... ..	619

## M

**Machinery, Abstracts ... ..** 48, 93, 187, 313, 429, 491, 557, 595,  
658, 703, 783, 870

**Macromolecules, Aggregations of charged ... ..** 110

**Magnesite cement coating compositions ... ..** 102

**Magnesium oxide ... ..** 795

Precipitation with ethylenedinitrilo-tetra-acetic acid ... 446

**Malachite Green, Difluoro-substituted ... ..** 788

„ Oxidimetric determination with ceric sulphate ... 811

**Manchester College of Science and Technology Chemical**

Engineering Building ... .. 586

**Mangiferin, Colouring matter of mango ... ..** 196

**Mangostin, structure ... ..** 559

**Manifolding ... ..** 725

**Man-made textiles, Washing ... ..** 103

**Manufacturers' Publications and Pattern Cards ... ..** 47, 310, 428, 594,  
780, 868

**Marcusson apparatus for determination of moisture content**

of textiles ... .. 219

**Material, Applying substances to a moving length ... ..** 505

**Materials of construction, Review ... ..** 48

**M.C.T.—a new higher technological award ... ..** 862

**Meat, Effect of reducing agents on colour of cured ... ..** 76

Improving colour ... .. 620

**Medicated fibrous materials ... ..** 725

	PAGE		PAGE
<b>Milling—continued</b>		<b>Naphthaquinone-diazo-carboxylic acids, Aryl esters and</b>	
machine ... ..	784	arylides ... ..	57
properties, Testing rabbit hair, wool and coarse animal		<b>Naphthazarin, Crystal structure...</b>	96, 711
hairs for ... ..	506	<b>2-Naphthoic acid, 1:3-Dihydroxy-, 4 Substituted</b>	706
wool and other animal hairs ... ..	443	<b>Naphthol, Condensation with <i>N,N'</i>-arylmethylenebisamide</b>	54
<b>Miscellaneous, Abstracts</b> ... 76, 110, 508, 620, 732, 814, 888		[1,2]triazole, 2-Phenyl-, Colour and fluorescence of	
<b>Moiré</b> in colour reproduction of three-colour autotype ... ..	210	derivatives ... ..	195
<b>Moisture</b> absorption, stresses and deformations, Thermo-		Yellow, Detection in Dijon mustard ... ..	729
dynamic relations between ... ..	318	<b>1-Naphthol, Fluorimetric determination in mixtures</b> ... ..	504
content meter ... ..	116	<b>2-Naphthol, 2-Chlorobenzenazo-, Reaction with phenolates</b> ...	872
of textiles, Determination by modified Marcusson		2-Chlorophenylazo-, Replacements of chlorine by alkoxy	
apparatus ... ..	219	group ... ..	872
of textiles, Estimation by Karl Fischer method ... ..	219, 328	Diamagnetic susceptibilities of azo derivatives ... ..	95
determination, Distillation apparatus for ... ..	71	Fluorimetric determination in mixtures ... ..	504
sorption by polymers. Effect of crystallinity ... ..	505	3-Nitro-, Synthesis ... ..	54
<b>Mollisin</b> ... ..	55	-6-sulphonate, Rearrangement to 2-naphthol-7-	
<b>Molybdate Orange</b> ... ..	795	sulphonate ... ..	94
<b>Molybdic acid, Spectrophotometric analysis of compounds</b>		-7-sulphonate, Formation from 2-naphthol-6-sulphonate	94
formed with prussian compounds ... ..	600	<b>5-Naphthol-7-sulphonic acid, 2-Amino-, Paper chromatography</b>	728
<b>Monoazo compounds, Chromium-complex pigments, wool dyes</b>		<b>8-Naphthol-6-sulphonic acid, 2-Amino-, Paper chromato-</b>	
and dyes for organic solvents ... ..	601	graphy ... ..	728
pigments, Red ... ..	601	<b>1:4-Naphthoquinone, 2:2-Dichloro-, and chloranil, Disperse</b>	
<b>Monoazo Dyes</b> from 2-amino-4:6-bisacrylamino-phenols,		dyes from ... ..	790
Metallisable wool ... ..	198	<b>β-Naphthothiazole, Azo dyes from</b> ... ..	787
from arylides of 3:2-hydroxynaphthoic acid. Red and		<b>Naphthotriazoles, sulphonated, from 4-aminodiphenyl</b>	194
brown lakes ... ..	713	<b>Naphthylenearyliminazole dyes, Production on the fibre</b> ...	317
Basic, for polyacrylonitrile fibres ... ..	58, 876	<b>1-Naphthylamine, Phenyl-, Determination</b> ... ..	75
for polyacrylonitrile fibres, from 2-aminothiazoles and		<b>1:5- and 1:8-Naphthylamine-sulphonic acids, Separation</b> ...	706
2-aminobenzthiazoles ... ..	97	<b>2-Naphthylamine, 3-Nitro-, and <i>N</i>-acylated derivatives,</b>	
Chromium-complex, of improved wet-fastness on wool		Electrophilic substitution reactions ... ..	192
and nylon ... ..	198	Phenyl-, Determination ... ..	75
Cobalt-complex, for wool, nylon, etc. ... ..	198	-1-sulphonic acid, Rearrangement of dry salts ... ..	94
which combine with cellulose, Red ... ..	58	<b>Naphthylenedisazo systems, Central 1:4- and 1:5-, Absorption</b>	
from 1:2-dimethylbenzimidazole ... ..	708	spectra of azo dyes containing ... ..	708
from fluoroacetylides and dibenzofuran ... ..	192	<b>2-Naphthylsulphamic acid, Rearrangement of dry salts</b> ...	94
Metal complexes of mixtures of ... ..	791	<b>5-α-Naphthylthiazoles, Steric hindrance in</b> ... ..	662
Paper chromatography of reduction products ... ..	811	<b>Naphthol AS-FGGR (FBy) (Pattern Card)</b> ... ..	781
Pyrazolone, for wool, nylon etc., Metal complex ... ..	58, 97, 108,	<b>National Chemical Laboratory</b> ... ..	771
560, 601, 663, 713		<b>Neocyanines, Structure. New reaction of formylmethylenic</b>	
for wool, nylon, etc., Orange and brown metal-complex		derivatives of nitrogen heterocycles ... ..	433
for wool, nylon, etc., Red metal-complex ... ..	198, 600, 664	<b>Neutroprint dyestuffs (S) (Pattern Card)</b> ... ..	312
for wool, nylon, etc., Yellow to brown metal-complex		<b>New Books and Publications</b> ... ..	45, 91, 185, 307, 424, 485, 540, 586
for wool, Yellow metal-complex ... ..	713	657, 700, 774, 863	
<b>Reactive</b> ... ..	55	Books received ... ..	47, 187, 310, 428, 490, 556, 593, 702,
soluble in fats, waxes, organic solvents, etc. and having		780, 867	
water-repellent properties ... ..	434	<b>Ninhydrin, Reaction with cyclic α-amino acids</b> ... ..	433
for wool, Brown and green metal complex, from 2-aryl-5-		<b>Nitrate ion, Simultaneous volumetric determination with</b>	
aminobenzthiazoles ... ..	664	nitrite ion ... ..	728
for wool, Chromium-complex ... ..	58	and nitrite, Polarographic simultaneous determination ...	676
for wool, from Indandione (1:3), Metallisable ... ..	713	<b>Nitration of aromatic compounds</b> ... ..	95
for wool, Metal-complex, having a urea residue ... ..	664	Use of boron trifluoride-nitrous anhydride complex in ...	50
for wool, nylon, etc., Blue, green and olive metallisable ...	435	<b>Nitriles, Polymeric αβ-unsaturated, Imparting improved dyeing</b>	
for wool, nylon, etc., Blue and grey metallisable ... ..	58	properties to ... ..	320
for wool, nylon, etc., Violet and blue metal complex ...	316	<b>Nitrite ion, Simultaneous volumetric determination with</b>	
for wool having an oxathiol-8-dioxide ring system, Violet		nitrate ion ... ..	728
and blue metal-complex ... ..	713	and nitrate, Polarographic simultaneous determination ...	676
Wool, Yellow and brown, Metal-complex derived from		Spectrophotometric determination ... ..	504
arylides of β-aminocrotonic acid ... ..	664	<b>Nitro compounds, Aromatic, Determination</b> ... ..	728
<b>Monolite Fast Red YS in decorative paints (ICI) (Pattern Card)</b>	312	„ Aromatic, Direct substitution of nitro group by	
<b>Mordants</b> for acid and direct dyes on film blanks ... ..	882	chlorine using carbon tetrachloride ... ..	660
<b>Mothproof finish</b> ... ..	722	„ Determination with titanium ... ..	446
<b>Mothproofing agent</b> ... ..	190	derivatives, Reaction and structural rearrangements ...	872
agents, Biguanides as ... ..	190	<b>Nitroamines, Aromatic, Titration as acids</b> ... ..	504
composition ... ..	786	<b>o-Nitroanilines, Intramolecular hydrogen bonding in</b> ... ..	597
<b>Myrobolan</b> extracts for manufacture of fountain pen inks,		<b>Nitrobenzene, Ultraviolet absorption spectra, molecular</b>	
standardisation ... ..	885	refractions, basic strengths and rates of reaction of	
<b>Myrothecium, Occurrence on field cotton</b> ... ..	667	derivatives ... ..	53
<b>N</b>			
<b>Naphthalene-benzidine-phenol ternary system</b> ... ..	95	<b>Nitrogen compounds, Reduction products obtained with Raney</b>	
2:7-Dihydroxy, Bromination ... ..	430	nickel and hydrazine hydrate ... ..	706
1:7-disulphonic acid, Synthesis ... ..	192	Rapid group test ... ..	507
oxidation by air in presence of vanadium catalysts in		Ultramicrodetermination of total, in polypeptides and	
gaseous suspension ... ..	706	amino acids isolated from chromatograms or electro-	
-1-sulphinic-7-sulphonic acid, Synthesis ... ..	192	phorograms on paper ... ..	886
sulphonic acids, <i>N</i> -Arylamino-, Paper chromatography		<b>Nitromethane, Ionisation of triphenylmethyl chloride in</b> ...	432
α and β sulphonic acids, Mechanism of isomerisation ...	94	Nitron polyacrylonitrile fibre, Technology ... ..	320
-6-sulphonic acid, 2:8-Diamino, Identification ... ..	728	<b>Nitrophenol</b> reduction at multiple dropping mercury cathode ...	558
system, Quantitative treatment of substituent effects ...	872	<b>o-Nitrophenol dyes, Intermediate products in reaction of</b>	872
<b>Naphthaloperinone dyes, Production on the fibre</b> ... ..	317	<b><i>N</i>- and <i>O</i>-Nitrosation, Comparative discussion of mechanisms</b>	
<b>1,4-Naphthaquinol, Oxidation with hydrogen peroxide</b> ... ..	291	with reference to diazotisation ... ..	481
		<b>Nitroso dyes</b> formed on the fibre, Dyeing protein fibres with ...	718





	PAGE		PAGE
<b>Paint—continued</b>		<b>Persepiration, Assessment of fastness</b> ... ..	781
White emulsion, Behaviour during natural weathering ...	203	Proposed official method for fastness of coloured leather to ... ..	115
Wrinkle ... ..	203	<b>pH Measurements from 60° to 95°C., Standards</b> ... ..	217
<b>Palanil</b> disperse dyes, Dyeing polyester fibres with ...	441	<b>Pharmaceutical preparations for internal use, Chromatography of synthetic colours in</b> ... ..	218
dyes, Dyeing wool/polyester unions with ... ..	719	<b>Phenazine quinones</b> ... ..	60
<b>Paper, Abstracts</b> ... ..70, 109, 213, 326, 444, 501, 566, 615, 673, 723, 809, 884		<b>Phenol, o-Alkylation accompanying direct formation of diazonium salts</b> ... ..	558
Alkaline, resistant to attack by micro-organisms ...	567	Condensations with <i>NN'</i> -arylmethylenebisamides ...	54
Auto-copy ... ..	327	diazonium salt ... ..	707
base planographic printing masters, Coated ... ..	327	Effect on polyamide fibres ... ..	325
Carbonate-filled, Sizing ... ..	884	-naphthalene-benzidine, ternary system ... ..	95
Cast-coated ... ..	327	2-Nitro, Isolation from mixture ... ..	597
Coated, Cast calendering supercalendered ... ..	567	Pentachloro-, Toxicity ... ..	784
„ with high polymers by heat treatment, Development of wet strength ... ..	673	<b>o-Phenol couplings, Concerted mechanism</b> ... ..	872
„ with mineral pigments, Apparatus ... ..	188	<b>Phenolic compounds, Determination in water and effluents</b> ... ..	111
„ Printability studies on survey series ... ..	620	<b>Phenothiazine, 10-(Naphthoyl or Nitronaphthoyl) bis-dimethylamino</b> ... ..	200
coating apparatus ... ..	703	<b>Phenoxyazine dyes</b> ... ..	559
„ trends in United States ... ..	723	<b>Phenoxide ion, Field effects and non-electrostatic polar effects of substituents on basicity</b> ... ..	558
Controlling lateral position while in motion ... ..	188	<b>1-Phenyl-3-methyl-5-pyrazolone, Products of condensation with arylcarbinols</b> ... ..	96
Drum-finishing coated ... ..	884	<b>DL-Phenylalanine and its homologues, Synthesis</b> ... ..	445
Electrolytic recording ... ..	214	<b>9-Phenylanthracene, Meerwein arylation</b> ... ..	493
etc., Glossy, matt or patterned surfaces on ... ..	70	<b>Phenylation with diazoaminobenzenes</b> ... ..	492
of improved wet strength ... ..	502	<b>Phenyldiazonium borofluoride decomposition in acetophenone in presence of esters of benzene sulphonic acid</b> ... ..	786
Heat-treated, Physical properties ... ..	673	<b>m-Phenylenediamine derivatives, Dependence of reactivity on structure</b> ... ..	559
High-gloss printing ... ..	675	<b>o-Phenylenediamine, Oxidation of derivatives</b> ... ..	432
Influence of various polar media on fibre bonding ...	673	<b>p-Phenylenediamine derivatives, Determination</b> ... ..	75
Luminescent transfer ... ..	882	Sulphonated bis(naphthotriazoles) ... ..	194
making fibres, Highly hydrated, degassed ... ..	675	<b>Phenylhydrazine, 2,4-Dinitro-, Diazotisation</b> ... ..	787
manufacture, Slime control ... ..	724	<b>o-Phenylphenol, Determination of small amounts</b> ... ..	811
Mineral-coated ... ..	884	<b>o- and p-Phenylphenols, Benzyl ethers</b> ... ..	650
Moisture-resistant ... ..	725	<b>Phenylpyrazolone azomethine derivatives, Absorption spectrum azomethine derivatives on C.I.E. colour chart, Notation of colour</b> ... ..	709
and paperboard, Moisture-proof ... ..	884	azomethine derivatives, Solvent effect on absorption spectra ... ..	709
pulps, Sterilising ... ..	327	<b>Phosphates, Condensed, in textile processing</b> ... ..	608
Sized ... ..	724, 884	<b>Phosphinemethylene</b> ... ..	193
Starch-clay coating colours for ... ..	724	<b>Phosphorescence ability on aggregation of dye molecules, Enhancement</b> ... ..	711
substitute, Artificial fibre sheeting ... ..	213	<b>Phosphorescent yarn</b> ... ..	612
from synthetic fibres ... ..	444	<b>Phosphorus, Rapid group test for</b> ... ..	507
for thermographic reproduction, Silicone treatment ...	214	<b>Photoconductivity and visual receptor process</b> ... ..	812
treated with silica sol ... ..	724	<b>Photographic colour correction using coloured and colourless colour couplers</b> ... ..	720
waste, Variables in de-inking ... ..	673	colour images protected from fading ... ..	442
Writing ... ..	724	dye components, Reaction in gelatin solutions ... ..	76
<b>Paperboard, Coated</b> ... ..	724, 725	dye images, Instrument for selecting ... ..	507
colour measurements ... ..	730	emulsions, Optical sensitisation ... ..	210
Colour variation ... ..	507	films, Discharging filter and antihalation dyes in ...	211
Printability studies on survey series ... ..	620	filters, Discharging azo dye ... ..	323
<b>Paraformaldehyde (polyoxymethylene) and formaldehyde, Quantitative determination in presence of one another</b> ...	447	negatives, Apparatus for preparing colour separation papers containing dyes, Reduction of dye stain in reproduction, diazo ... ..	442
<b>Parchment papers, Adherent synthetic resin coatings on</b> ...	214	sensitisers, Mixtures of ionised and non-ionised dyes ...	211
<b>Paris Blue, Preparation</b> ... ..	53	sensitivity, Nature of ... ..	209
<b>Pariser and Parr method, Application to dye ions with amidinium resonance</b> ... ..	661	<b>Photography, Century of progress in synthesis of dyes for (External Address)</b> ... ..	765
<b>Particle size and detergency</b> ... ..	800	Colour See Colour photography ... ..	442
„ distributions, in suspensions of measurements of sedimentation potentials, Determination ... ..	887	Mordanting basic dyes in ... ..	806
„ Effect of extender on gloss of house paints ... ..	438	Multicolour ... ..	210
„ of organic pigments, Reducing ... ..	795	<b>Photogravure printing on cloth</b> ... ..	210
Spherical, Stable suspensions ... ..	438	<b>Photopolymerisation of acrylonitrile-vinyl acetate copolymers, Dye-sensitised</b> ... ..	327
<b>Pattern Cards</b> This term includes also Manufacturers' Publications and technical circulars		<b>Photosensitive materials, Colour development of black-and-white</b> ... ..	210
<b>Pearl essence substitute, Basic lead carbonate for producing pearlescent effects in plastics</b> ... ..	715	<b>Phthalogen dyes, Vivid greens based on</b> ... ..	105
<b>Pearlescent polystyrene</b> ... ..	885	<b>Phthalates, Microcolorimetric estimation</b> ... ..	111
<b>Pelleting finely divided solids such as carbon black with liquids</b> ...	667	<b>Phthalcincomplexones, New colour reactions</b> ... ..	327
<b>Pelts, Chrome-tanned, Removing chromium soaps from wool or hair</b> ... ..	215	<b>Phthalic anhydride, Analysis</b> ... ..	504
<b>Penetration of cellulosic fibres by dyes or finishes, Improving</b> ...	672	<b>Phthalimide, N-Hydroxy-, Colourless and yellow forms</b> ...	53
<b>Peptide chemistry, Reactions and possibilities</b> ... ..	79	<b>Phthalocyanine-azo dyes, Chromable</b> ... ..	791
<b>Pergamyn, Adherent synthetic resin coatings on</b> ... ..	214	Blue ... ..	100
<b>Perkin Centenary celebration, Accounts</b> ... ..	305	Chlorinated cobalt ... ..	495
„ Dye statistics and legislation ... ..	482	chrome dyes ... ..	61
„ proceedings ... ..	371		
„ Trust Awards for 1958-1959 ... ..	656		
„ Trust Awards for 1959-1960 ... ..	657		
Medal, Recipients ... ..	3		
plaque unveiled at Greenford ... ..	38		
<b>Perlon, Discovery</b> ... ..	586		
<b>6-Perlon</b> ... ..	206		
<b>Permanent waving</b> ... ..	70		
<b>Permeable sheets treated with fluids</b> ... ..	189		
<b>Permonosulphuric acid, Bleaching with</b> ... ..	104		

	PAGE		PAGE
<b>Phthalocyanine—continued</b>		<b>Pigments—continued</b>	
Copper ... ..	495	Iron-zinc red ... ..	560
„ Chlorinated ... ..	604	Lacquer, Machine output in fine grinding ... ..	62
„ Lattice image of twin structure ... ..	493	Lead phosphate-Lead silicate ... ..	877
„ Precursor ... ..	665	for mass coloration of viscose, Physicochemical and	
derivatives ... ..	52, 666	colloidal properties of sols ... ..	874
dyes, Basic ... ..	99	Maroon monoazo ... ..	876
„ Formation on cotton ... ..	499	Metal, for painting and spraying ... ..	606
„ 8-containing ... ..	495	and mixtures of pigments, Hiding power ... ..	112
Factor group, splittings in electronic spectra ... ..	599	Monoazo ... ..	713
Hydrocarbon-soluble ... ..	666	„ Yellow metal-complex ... ..	713
Insoluble basic dyes, Dyeing with ... ..	67	Non-flocculating phthalocyanine ... ..	666
leuco-Copper ... ..	57	Organic, Crystallisation of ... ..	218
Metal-free or derivatives, for dyeing cellulose		„ Reducing particle size ... ..	795
pigments ... ..	437, 794, 795	Organophilic, Hydrophobic ... ..	605
pigments, Acid milling ... ..	604	in paint, Hiding power ... ..	878
pigments, Non-flocculating ... ..	666	Phthalocyanine ... ..	437, 794, 795
pigments and sulphonated derivatives ... ..	195	„ Acid milling ... ..	604
Reversible oxidation ... ..	195	„ and sulphonated derivatives ... ..	195
Solvent stable $\alpha$ - and $\gamma$ -metal-free ... ..	57	Plant, Photodynamically active ... ..	195
Sulphonated copper, Dyeing wool with ... ..	670	Possibilities and limitations of application to textiles	
4-sulphonic acid, Iron salts of ... ..	195	(Lecture) ... ..	14
sulphur dyes ... ..	61	Preparation of stable yellow ferric ... ..	663
technology, Advances ... ..	195	readily compounded with organic substances ... ..	503
4:4':4'':4''''-Tetrasulphonic-acid, Cobalt salts		Readily-dispersible ... ..	62
-type colorants ... ..	877	Red azole ... ..	59
<b>Phthalogen Turquoise IFBK (FBy) (Pattern Card)</b>	781	Red, composed of ferric oxide and sulphates of alkaline-	
<b>Phthaloperinone dyes</b> ... ..	794	earth metals ... ..	197
<b>Piece dyeing, Continuous</b> ... ..	105	Red monoazo ... ..	58, 198, 601
<b>Pigment, Black manganese-copper-iron</b> ... ..	795	Revaluation of function in paints ... ..	101
compositions, Fluorescent ... ..	495	Rôle in forming films ... ..	438
defects in coatings, Investigation by physical methods ... ..	75	Starch-complex ... ..	877
dispersibility, Improving ... ..	202	Thermoplastic melamine-sulphonamide-formaldehyde	
dispersions ... ..	797	condensates as bases for ... ..	796
dispersions, Resin-bonded ... ..	496	Titanium, Hiding power ... ..	101
emulsions for printing and padding ... ..	107	White, Measurement of covering power ... ..	618
Grey, Transparent, non-crystalline ... ..	605	Wood stain containing ... ..	732
identification, N.P.I.R.I. standard test methods ... ..	328	Yellow anthraquinone monoazo ... ..	876
Iron oxide ... ..	715	Yellow cadmium sulphide ... ..	437
padding, Synthetic resinous binders for ... ..	209	Yellow and orange disazo ... ..	435
paint ratios, Mathematical approach towards ... ..	203	Yellow to red monoazo, from dichlorotoluidinesulphonic	
Reactive, Zinc oxide ... ..	438	acids ... ..	435
for rubber, Aluminium silicate ... ..	562	Yellow to reddish yellow iron oxide ... ..	877
settling gauge and anti-sag test ... ..	505	Zinc sulphide, Weather-proof, tinted ... ..	715
Siliceous ... ..	562	<b>Pile, Coiled or cockled</b> ... ..	723
surfaces, Photochemical changes ... ..	97	fabric ... ..	70, 673
suspensions, Concentrated, Rate of sedimentation ... ..	562	„ containing man-made fibres, Dyeing and finishing ... ..	564
-vehicle interface ... ..	562, 796	„ simulating natural furs ... ..	566
volume concentration, Determination and importance ... ..	796	„ Soil-resistant ... ..	213, 809
Zinc ferrite ... ..	318	finish on articles ... ..	888
<b>Pigments, Absorption and scattering of light in</b>	789	<b>Pill, Reducing tendency of synthetic fibre fabrics to</b>	213
Alumina-coated ... ..	495	<b>Pilling prevention</b> ... ..	721
Anthraquinone ... ..	60	tester, Random-tumble ... ..	73
Azo, Application to nylon (Correspondence) ... ..	480	<b>Pinakryptol Yellow, Synthesis</b> ... ..	603
„ Red to maroon ... ..	602	<b>Planar molecules, Quantitative estimation of influence of</b>	
Benzidine yellow ... ..	597	substituents on absorption spectra of anthraquinone ... ..	434
Cadmium-mercury sulphide ... ..	437	<b>Planck centenary</b> ... ..	423
Cadmium Vermilion, New class ... ..	663	<b>Plant, Abstracts</b> ... ..	48, 93, 187, 313, 429, 491, 557, 595, 658,
Chloroplast ... ..	874	703, 783, 870	
Colour stability of red iron oxide ... ..	97	materials, Green, Action and emission spectra of	
containing silicic acid ... ..	202	luminescence ... ..	711
Dyed resinous ... ..	877	<b>Plastic properties</b> ... ..	568
Dyeing with ... ..	719	<b>Plastics See also Polymeric Resins, etc.</b>	
in emulsion paint films, Dispersion, distribution and		Abstracts ... ..	71, 110, 215, 327, 445, 502, 563, 617, 676,
binding ... ..	100	726, 810, 885	
Fibrous silicon monoxide ... ..	877	Coloration by irradiation ... ..	216
Finely dispersed pastes of organic or inorganic ... ..	62	Iridescent flake for ... ..	202
Finely divided ... ..	605	Methane dyes for colouring ... ..	57
Finely divided, Recovered from gases ... ..	666	Organic pigmented ... ..	618
Fluorescent ... ..	317	Printing or decorating ... ..	805
„ dyed resinous ... ..	202	Vinylidene, Pigmented ... ..	568
Flushing ... ..	202	<b>Plasticisers for cellulose</b> ... ..	871
Gelatinised cellulose-complex ... ..	877	having heat and light stabilising properties for vinyl	
Halogenosalicyloylamidoanthraquinone ... ..	665	halide polymer compositions ... ..	503
Heavy metal compounds of 1:3:4-thiadiazole, 2:5-		<b>Pleat, Durable</b> ... ..	69
dimercapto ... ..	56	<b>Pleating fabric, Continuous rapid</b>	
Hiding power of white ... ..	62	wool, Durable ... ..	870
Identification by back scattering of $\beta$ -rays ... ..	504	<b>Plisac effects on cellulose fabric</b> ... ..	808
Inorganic, Adsorption and surface characteristics ... ..	600	<b>Point sources, Wavelength discrimination for</b>	508
„ for colouring leather ... ..	445	<b>Poland, Status of the dye industry</b>	874
Iron oxide ... ..	605	<b>Polar adsorption, Selective</b> ... ..	101



	PAGE		PAGE
Polishing yarns	212	<b>Polymeric—continued</b>	
<b>Polycladin</b> , Yellow pigment of <i>Lepidophyllum Quadrangulare</i> , Constitution	712	Amides with siloxane groups, Properties	835
<b>Polycyclic compounds</b> , Coloured	714	„ Solubility of mixed	726
<b>Polyelectrolyte molecules</b> , Chain-like, Influence of ion exchange on size and shape	442	„ Stereoisomerism in	110
<b>Polynes</b> , Theory of absorption spectra	54	Anhydrides, Aromatic. New class of fibre-forming	717
<b>Polymer films</b> , Photochemistry	71	Caproamide solutions in concentrated sulphuric acid, Viscosities	63
„ molecules, Mechanics	810	„ obtained from $\epsilon$ -caprolactam by action of amine salts	496
<b>Polymers</b> , Block, from acrylamide and acrylonitrile or acrylic acid	446	6-Caproamide, Anomalous low densities of oriented samples	103
Crystalline, Fringed fibril theory of structure	562	Caprolactam fibres, Addition of titanium dioxide to polymerisation mixture	668
Determination of transition temperatures	620	„ Quantitative determination of end-groups	73
Effect of structure on thermal decomposition	726	$\epsilon$ -Caprolactam, Kinetics in presence of hexamethylene- diamine adipate	508
Graft, from acrylamide and acrylonitrile	445	Chloromethyl ether of a polyhydric alcohol, Treating textiles with	69
Hydroxyl, Gelling	216	isoCyanates in textile finishing	324
Isotactic and stereoisomeric	110	Ester and amide fibres, Tests for distinguishing	886
Linear condensation, Solvent for	786	„ Characterisation by infrared spectrometry	885
Polar, Synthetic fibre-forming, Swelling and solution in liquids	110	„ of the 3,3'- and 4,4'-dicarboxylic acids of diphenyl- methane and of benzophenone-4,4'-dicarboxylic acid	503
Synthetic linear soluble	64	„ or ether, Colouring	67
<b>Polymeric</b> See also Plastics, Resins, etc.		„ fibres, Colouring	719
Acrylic fibres, Dyeing	67, 107, 208, 499	„ „ Continuous dyeing of fabrics	165, 321
Acrylonitrile by boron trifluoride	503	„ „ dyed with acid leuco vat dyes	669
„ -coated cotton yarn, Vapour-phase preparation and physical properties	324	„ „ dyed with phthaloperinones and naphthalo- perinones	804
„ Colour stabilisation	727	„ „ Dyeing	670, 719
„ deposited in wool, Preparation and properties	807	„ „ Dyeing with Palanil (BASF) disperse dyes	441
„ Dyeing	67, 208	„ „ fabric, Improving handle	501
„ fabrics, Printing and pad-dyeing	500	„ „ with other fibres, Development and properties of blends	799
„ fibres, Constitution and properties of basic dyes on	719	„ „ fibres and films, Dyeing	499
„ fibres, Discoloration effects in	563	„ „ films, etc., Solvents, swelling agents and softeners for	190
„ fibres, Dyeing or printing	66	„ „ Manufacture and properties	708
„ fibres, etc., Quaternary ammonium salts of N- heterocyclic monoazo basic dyes for	435	„ „ Photochemical degradation	717
„ Fractionation	116	„ „ Practical problems in processing	804
„ Homogeneous saponification	727	„ „ Qualitative identification	506
„ Non-gelling solutions	558	„ „ Recent progress	103
„ Reaction with hydroxylamine in aqueous medium	885	„ „ Table of properties	320
„ Reducing tendency to discolour when treated with alkali	443	„ „ treated with alkalis	213
„ Solvent for	190	„ „ Vat dyeing	670
„ Stabilised solutions	492	„ „ films receptive of printing inks, coating compositions, etc.	618
„ yarns, Increasing loftiness or bulkiness	717	„ „ formation, Catalysis by ester exchange	111
Alkylene oxide—basic carboxylic acid condensates	50	„ „ from isomeric diphenyldicarboxylic acids	110
„ terephthalates, Solvents for	190	„ „ from isomeric phthalic acids	110
Amide coating on chrome, vegetable and sulphonyl- chloride tanned splits	215	„ „ melting points and heats of fusion	503
„ and ester fibres, Tests for distinguishing	886	„ „ from $\beta$ -methyladipic and $\beta$ -p-nitrophenylglutaric acids	110
„ fibres, Causes of damage during bleaching	440	„ „ of p-phenylenediacetic and cis- and trans-hexahydro- terephthalic acids	503
„ „ Changing properties by occlusion process	608	„ „ stereoisomerism in	110
„ „ Commercial, Comparative infrared spectroscopy	448	„ „ of terephthalic and isophthalic acids and aromatic dihydroxy compounds	810
„ „ Continuous dyeing of fabrics of	105, 321	Ethylene alkyl ethers, Application	65
„ „ Diffusion of acid dyes in	208, 499	„ „ cloth, Heat stabilisation	883
„ „ Dyeing with disperse dyes	880	„ „ Colouring the surface amber	618
„ „ Dyeing with metal-complex dyes	207	„ „ films, Improving printability	210
„ „ Effect of phenol	325	„ „ more receptive of printing inks	727
„ „ Identification with special reference to Ribsan	506	„ „ Improving printing properties and resistance to boiling water	111
„ „ Increasing water-absorption	212	„ „ Large periods in. Origin of low-angle X-ray scattering	215
„ „ Manufacture and properties	798	„ „ oxide, Determination by precipitation with phospho- tungstic acid	217
„ „ Protection against attack by active oxygen	440	„ „ Quantitative estimation in presence of fatty alcohols	885
„ „ Quantitative chemical analysis of mixtures with other fibres	219	„ „ Printing	806
„ „ Recent progress	103	„ „ terephthalate and adhesives, Improving bonding power between	566
„ „ Testing setting by fluorescence microscopy	506	„ „ Chemical decomposition	810
Amides, Action of X-rays on	502	„ „ Cold drawing	497
„ and amide esters, Synthesis	617	„ „ fibre birefringence, Transition	563
„ Carbon-filled	103	„ „ fibres, Structure and phase state	608
„ from pp'-diaminodiphenylmethane, Influence of N- substituents on properties	110	„ „ films, Improving printability	210, 618
„ dissolved in 2-chloroethanol as coating composition	786	„ „ Improving adhesion of printing inks to	881
„ Estimation of glass temperature	506	„ „ Measurement of hydroxyl and carboxyl end-groups	116
„ Fully substituted N-alkylated, and their coupling with diisocyanates	885	„ „ Measurement of molecular orientation in filaments, using dichroic dyes	116
„ Hydrogen bonding in	563	„ „ Molecular-weight determination	63
„ Linear, Solvent for	871		
„ Melting points and heats of fusion	503		
„ Mixed, Kinetics of formation	568		
„ Mixed, Kinetics of formation from salts of hexa- methylendiamine	503		
„ Pyrolysis	496		

	PAGE		PAGE
<b>Polymeric—continued</b>		<b>Press</b> apparatus for washing and milling fastness tests...	619
Ethylene terephthalate, Preparation ... ..	726	<b>Primulaceae</b> , Flavonoids of ... ..	434
„ „ Solvents as swelling agents for ... ..	705	<b>Primuline</b> , Modified, Fusion and separation of products by	
Fluoroethylenes, Chloroacetic acid as dispersing agent in		alcoholic extraction ... ..	710
preparing aqueous dispersions ... ..	49	<b>Print</b> wash blankets, Cleansing ... ..	188
Glycidyl ethers, Coatings and mouldings from ... ..	439	<b>Prints</b> on fibrous materials, Pigmented ... ..	210
Glycols, Determination by precipitation with phos-		Pigment, Styrene-butadiene copolymer binder for ... ..	107
photungstic acid ... ..	217	<b>Printability</b> of polyethylene films improved ... ..	210
Hexamethylenedipamide, Fibrillar structure of		of polyethylene terephthalate films improved ... ..	210
spherulites in ... ..	216	<b>Printing</b> , Abstracts ...67, 107, 209, 322, 442, 499, 564, 612, 670,	
„ Pyrolytic decomposition ... ..	617	719, 805, 881	
Hydroxyethyl terephthalate, Kinetics of polyconden-		with azoic compositions ... ..	564
sation ... ..	726	cellulose acetate, nylon, polyester fibres or films and	
Methacrylonitrile, Homogeneous saponification ... ..	727	cyanocetylated cellulose ... ..	190
Methylene sulphone fibre, Synthesis, structure and		with Cibacron reactive dyes, New developments ... ..	612
evaluation ... ..	799	on cloth, Photogravure ... ..	210
Perfluorochlorocarbon, Dispersion ... ..	446	colour concentrates, Oil-in-water polyester resin emulsion	323
Perfluorochloroolefin, Coating textiles with ... ..	443	Colour contrast lenses for comparing colours in ... ..	620
Siloxane, Alkoxy end blocked, Coating fabric with ... ..	883	compositions, Synthetic resinous binders for ... ..	209
Styrene-Butadiene copolymers as coatings for washable		on cotton fabrics, <i>N,N</i> -Dehydroanthraquinoneazine ... ..	209
wallpapers, foils, etc. ... ..	618	cotton with vat dyes ... ..	805
„ Influence of low-molecular compounds on photo-		Discharge, of polyester fibres ... ..	671
chemical decomposition ... ..	111	Electrostatic ... ..	500
„ Pearlescent ... ..	885	with emulsions ... ..	612
Trimethylene oxide derivatives having polyether side		Ensuring accurate registration in multi-colour	
chains, Surface active ... ..	314	extender pastes, Textile, Oil-in-water emulsion ... ..	323
Urethan, Hydrogen bonding in ... ..	563	fabrics, Multicolour machine ... ..	595
„ Reaction with formaldehyde ... ..	726	felt ... ..	209
„ resins ( <i>ICI</i> ) ( <i>Pattern Card</i> ) ... ..	48	10-(halo-benzoyl)-3:7-bis(dimethylamino)phenothiazines	
„ resins, Impranil ... ..	882	for copy ... ..	500
Vinyl acetate coatings giving improved fire resistance ... ..	786	Importance of atmospheric humidity ... ..	322
„ „ emulsion paints, Titanium dioxide in ... ..	606	Improved polythene ... ..	806
„ „ emulsions stabilised with hydroxyethyl cellulose 557, 786		Indigosols on triacetate ... ..	805
„ „ alcohol, Acetalisation with azelaic acid aldehyde ... ..	325	Neutrogene azoic dyes ... ..	805
„ „ Acetalisation with nonyl aldehyde ... ..	325	non-absorbent surfaces ... ..	210
„ „ fibres, Acetalisation with hydroxyaromatic		with onium dyes ... ..	564
aldehydes ... ..	322	paste ... ..	442
„ „ Formalisation after nonanalisation in two stages		pastes, sizes, films, etc. ... ..	671
and simultaneous mixed acetalisation in single		Photochemical multicolour ... ..	442
stage ... ..	672	Pigmented resins for ... ..	107
„ „ Relation between resistance to boiling water and		polyacrylonitrile fabrics ... ..	500
degree of nonanalisation ... ..	672	polyethylene ... ..	806
„ „ threads, Insoluble ... ..	497	and printing pastes ... ..	805
„ „ chloride, Dyeing ... ..	719	Roller, Multicolour attachment ... ..	595
„ „ Heat and ultraviolet ageing ... ..	727	screens, Cylindrical wire gauze, Applying patterns to ... ..	323
„ „ Improved adherence to textiles ... ..	809	stripes on fabric ... ..	442
„ „ pastes for coating textiles ... ..	705	textiles and foils of organic esters ... ..	106
„ „ sheeting, Patent leather-like ... ..	727	Trevira polyester fibre ... ..	805
„ „ stabilisers, Flushing ... ..	727	with vat dyes, Over-reduction and over-oxidation ... ..	322
„ „ compounds containing no nitrogen, Iodine complexes		with vat dyes, Thickening agent for ... ..	491
halide, Combined plasticisers and light stabilisers ... ..	810	Vigoureux, of wool, Method for increasing rate of dye	
„ „ Plasticised and heat and light stabilised ... ..	810	fixation ... ..	323
„ „ Plasticisers having heat and light stabilising		viacose rayon staple fabric with Diazo Blue O, Optimum	
properties for ... ..	503	conditions ... ..	499
„ „ resins, Basic organic salts of cadmium as stabilisers		<b>Printofix</b> ( <i>S</i> ) ( <i>Pattern Card</i> ) ... ..	783
„ „ -Vinylidene, Stable dispersions ... ..	49	<b>Pristimerin</b> , Nature of chromophore ... ..	55
Vinylidene compounds containing no nitrogen, Iodine		Reactions involving the chromophore ... ..	97
complexes ... ..	716	<b>Procion</b> Black HG ( <i>ICI</i> ) ( <i>Pattern Card</i> ) ... ..	809
„ „ White or pastel pigmented, of improved colour fastness		Blue HB ( <i>ICI</i> ) ( <i>Pattern Card</i> ) ... ..	428
Vinylpyrrolidone, Interaction with azo dyes ... ..	105	Brilliant Orange HGR ( <i>ICI</i> ) ( <i>Pattern Card</i> ) ... ..	428
„ „ as levelling and stripping agent ... ..	786	Brilliant Red 5B ( <i>ICI</i> ) ( <i>Pattern Card</i> ) ... ..	428
„ „ containing no nitrogen, Iodine complexes ... ..	716	Brilliant Red H7B ( <i>ICI</i> ) ( <i>Pattern Card</i> ) ... ..	428
or-Vinyltoluene, water-soluble sulphonated ... ..	786	Brilliant Yellow H5G ( <i>ICI</i> ) ( <i>Pattern Card</i> ) ... ..	428
<b>Polymerisation</b> of natural and regenerated cellulose, Esti-		dyes, Application to cellulose fibres ( <i>ICI</i> ) ( <i>Pattern Card</i> ) ... ..	48
mation of average degree ... ..	886	„ Application to natural silk ( <i>ICI</i> ) ( <i>Pattern Card</i> ) ... ..	782, 869
Comparison of several terminated by aryl groups ... ..	709	„ Continuous dyeing of cellulose loose fibre yarns with	
containing 4-aryl-5-aryloxy- or 5-arythiothiazole nucleus		„ Continuous dyeing of woven cellulosic fabrics ( <i>ICI</i> )	
<b>Polypeptide</b> , Coloured protective groups for synthesis		( <i>Pattern Card</i> ) ... ..	48, 311
films, Optical rotation and infrared spectra ... ..	215	„ „ for cotton knitwear ( <i>ICI</i> ) ( <i>Pattern Card</i> ) ... ..	782
<b>Polyposphosphate</b> for masking volumetric analysis ... ..	446	„ „ for cotton sheetings ( <i>ICI</i> ) ( <i>Pattern Card</i> ) ... ..	782
<b>Polysaccharides</b> , Alkaline degradation ... ..	103	„ „ for cotton towelling ( <i>ICI</i> ) ( <i>Pattern Card</i> ) ... ..	781
Periodate-oxidised, Alkaline degradation ... ..	501	„ Dyeing cellulosic piece goods with cold dyeing ( <i>ICI</i> )	
„ Reaction with alcoholic hydrogen chloride ... ..	501	( <i>Pattern Card</i> ) ... ..	782
<b>Poplin</b> , Combating streakiness in ... ..	718	„ Fixation of prints by dry heat treatment ( <i>ICI</i> )	
<b>Pores</b> , Permeability and size distribution ... ..	609	( <i>Pattern Card</i> ) ... ..	312
<b>Potassium</b> nitrate, Adsorption of dyes by ... ..	104	„ on leather ( <i>ICI</i> ) ( <i>Pattern Card</i> ) ... ..	312
<b>Potting</b> , Dyeings fast to ... ..	66	„ „ for natural silk and nylon ( <i>ICI</i> ) ( <i>Pattern Card</i> ) ... ..	594
<b>Preserving</b> coloured and non-transparent organic substances,		„ Pad-Batch method of dyeing cellulosic piece goods	
2:2'-Dihydroxy-4:4'-substituted benzophenones for ... ..	191	( <i>ICI</i> ) ( <i>Pattern Card</i> ) ... ..	869
<b>Pressing</b> machines, Garment and hosiery ... ..	659	„ Printing application without steaming ( <i>ICI</i> ) ( <i>Pattern</i>	
<b>Pressure</b> vessels, Closed, Obtaining samples of fabric from ... ..	783	<i>Card</i> ) ... ..	782

	PAGE		PAGE
<b>Procion</b> —continued		<b>Quinizarin</b> .....	200
dyes printed on chlorinated wool and natural silk		<b>Quinol</b> , Oxidation of mono- and di-sulphuric esters with	
(ICI) (Pattern Card) .....	782	hydrogen peroxide (Communication) .....	291
„ Recommendations for washing-off printed patterns		Sulphuric esters of polycyclo .....	51
(ICI) (Pattern Card) .....	783	<b>Quinones</b> , Arylation by diazonium salts .....	558
„ as resists under Aniline Black (ICI) (Pattern Card) .....	869	2:5-Bisaryl-p-benzo-, Synthesis .....	558
„ Standardisation of printing recipes (ICI) (Pattern Card) .....	312	Monooaryl-p-benzo-, Synthesis .....	558
„ in textile dyeing. Natural silk and nylon (ICI) (Pattern Card) .....	594	Reaction with vinylnaphthalenes and related dienes .....	193
„ in textile printing (ICI) (Pattern Card) .....	782	<b>p-Quinones</b> , Synthesis of substituted amino-, aminovinyl-, and aminobutadienyl- .....	193
„ Use of Fixanol PN in printing (ICI) (Pattern Card) .....	783	<b>Quinonoid dyes</b> , Synthesis of non-planar .....	51
„ Use as illuminating colours in Brentamine Fast Blue VB resist styles (ICI) (Pattern Card) .....	312	<b>Quinophthalone dyes</b> , Yellow, for hydrophobic fibres .....	665
„ on viscose rayon tufted carpet (ICI) (Pattern Card) .....	782		
H Brands, Application by dyeing (ICI) (Pattern Card) .....	48	<b>R</b>	
H dyes, Fixation of prints by dry heat treatment (ICI) (Pattern Card) .....	312	<b>Rabbit fibres</b> , Angora .....	212
„ Standardisation of printing recipes (ICI) (Pattern Card) .....	312	„ „ Frictional properties in water .....	676
and Procion H dyes, Printing properties and recipes (ICI) (Pattern Card) .....	48	„ „ fur in hat felts, Substitutes .....	798
Red G (ICI) (Pattern Card) .....	429	<b>Radiation</b> and heat, Degradation of textile fibres by	439
Rubine B (ICI) (Pattern Card) .....	869	Nuclear, Effect on fibrous materials	609
Rubine BS, Application to cellulosic materials by jig dyeing (ICI) (Pattern Card) .....	782	resistant fabric .....	615
Rubine H2B (ICI) (Pattern Card) .....	428	Textile uses of nuclear .....	218
Scarlet G (ICI) (Pattern Card) .....	869	<b>Radicals</b> and radical stability .....	96
Scarlet H3G (ICI) (Pattern Card) .....	429	<b>Radioactive</b> degradation of cotton .....	439
Yellow HA (ICI) (Pattern Card) .....	429	<b>Radioactivity</b> , Applications in textile industry .....	76
<b>Products</b> , Alphabetical list of new American .....	192	<b>Radiochemical</b> laboratory, Establishing .....	811
<b>2-Propanol</b> , Tetramethyldiamino-, as stabiliser to weather of alkenyl resins .....	786	<b>Rags</b> , Reclamation of fibres from .....	73
<b>N-isopropylacrylamide</b> .....	110	<b>Raising</b> machines .....	48, 49, 188
<b>Protein</b> chemistry, Reactions and possibilities .....	70	„ Controlling tension in .....	659
fibres, Reactions of casein with dyes and aromatic solutes and relation to adsorption by .....	498	„ Driving mechanism .....	188
„ Regenerated .....	497	„ roll driving mechanism .....	703
„ Regenerated, Identification by paper chromatography films, Optical rotation and infrared spectra .....	215	„ Worker roller .....	703
Interaction of primary breakdown products with anhydrides of N-carboxyglycine, DL-alanine and D-proline .....	502	wools .....	720
materials, Abstracts 70, 109, 215, 327, 445, 502, 567, 617, 675, 725, 810, 884 .....	502	<b>Ramie</b> acetylation .....	211
molecule, Addition of amino acids and peptides to carboxyl groups .....	617	<b>Raney</b> nickel, Applications .....	599
„ Charge and deformation .....	726	<b>Rasters</b> , Colour line .....	564
<b>Proteins</b> , Action of nitrous acid on .....	498	<b>Raw Materials</b> , Abstracts 50, 94, 192, 314, 430, 492, 558, 596, 660, 706, 786, 872 .....	801
containing oxidised thioether groups, Formation of disulphides during hydrolysis .....	108	<b>Rayon</b> staple, Dyeing .....	296
Determination of tyrosine and tryptophan .....	114	<b>Reactive</b> Dyes, Absorption by modified celluloses .....	792
Fibrous, Observation of phase transformations .....	116	Anthraquinone .....	718
Interaction with small ions .....	502	Application in package dyeing .....	372
<b>Pulp</b> , Brightness of bleached. Tentative standard CCA27:58 .....	731	Azo, having a cyanuric chloride residue which reacts with cellulose .....	714
<b>Pulses</b> dal, Detection of Metanil Yellow in .....	75	for cellulose and practical experience in application .....	803
<b>Pyrazolone</b> azomethin derivatives, Solvent effect on absorption spectra .....	709	on cellulosic fibres .....	609
<b>Pyridine</b> N <sup>+</sup> N <sup>+</sup> -betaines .....	194	Dyeing and printing with .....	718
dyes, Influence of acids and alkalis on absorption spectra .....	874	Fixation on modified celluloses (Correspondence) .....	584
<b>Pyridocyanine</b> dyes, Electron spectra with assignments of transitions .....	51	Monoazo .....	55
<b>Pyrocatechol</b> dialkyl ethers, Disperse dyes from .....	787	Principles of dyeing with .....	609, 803
<b>Pyrophosphate</b> determination in soluble orthophosphates .....	503	Remazol (FH) .....	440
<b>Pyrrrole</b> dyes, Blue .....	789	on textiles .....	803
		<b>Red</b> cabbage anthocyanin pigment as natural wide-range pH indicator .....	662
<b>Q</b>		<b>Redox</b> changes in vat dyes .....	802
<b>Quaternary</b> ammonium compounds of polypeptide character .....	870	indicators, 3-Bromo- and 3:3'-dibromo-benzidine .....	727
<b>Quercetin</b> , Determination .....	218	„ in Schoenemann reaction, Triarylmethane compounds .....	815
<b>Quinaldine</b> , Aryl-, Formation by cyclisation of secondary aromatic amines with vinyl ethers .....	96	as .....	815
N-Aryl-, Condensation with diazo compounds to form bisazo dyes .....	788	„ State in solution .....	96
„ Condensation with nitroso compounds .....	788	potentials of vat dyes, Measurement .....	440
Benzo-, Synthesis and reactions of alkoxy derivatives of quaternary salts .....	96	<b>Reductions</b> , Organic, Applicability of ferro-silicon .....	402
N-phenyl-, Diazo dyes from .....	788	<b>Reflectance</b> spectra, Absolute method for measuring diffuse .....	73
<b>Quinalizarin</b> , Polarographic investigations of organic metal complexes .....	446	spectrophotometry of dyeings, Graphical aids .....	65
		<b>Relative</b> humidity, Measuring .....	620
		<b>Remazol</b> dyes for printing and dyeing (FH) (Pattern Card) .....	781
		reactive dyes .....	440
		reactive dyes in a dyehouse .....	803
		<b>Resin</b> , Abstracts 71, 110, 215, 327, 445, 502, 568, 617, 676, 726, 810, 885 .....	810, 885
		compositions, Vinyl, Heat-stable organic cadmium salts as stabilisers .....	676
		distribution in resin-finished fabric. Migration of bath solids during pre-drying .....	671
		distribution in textiles .....	74
		emulsions, Oil-in-water, Clear and pigmented .....	492
		finishes .....	325
		„ Application to cotton garments using dry-cleaning plant .....	613
		„ on cotton, Chlorine retention by .....	74
		„ Epoxy .....	325
		„ having no tendency to absorb chlorine .....	727



	PAGE		PAGE
<b>Resin—continued</b>		<b>Review of Books—continued</b>	
fibres, Stable, anhydrous <i>N,N</i> -alkylene urea compounds	659	<b>Conference Terminology</b> Edited by J Herbert ( <i>C J W Hooper</i> )	774
„ on textiles, Chromatographic identification of amino aldehyde	113	<b>Costing in Bleaching, Dyeing and Printing Trade</b> Published by Textile Finishing Trades Association ( <i>J E H Bennett</i> )	425
finishing with acrylic acid monomers	672	<b>Das Verhalten der direktziehenden Farbstoffe gegen tierische Fasern, Cellulose- und Kunstspinnfasern</b> by H Gerstner ( <i>H A Turner</i> )	590
identification on textiles, Test for	113	<b>De Bichromaatsbeitsing en de Kleurbaarheid van gebeitst Lipoid onderzocht met behulp van Reflectometrie</b> by F J M Heeslinga ( <i>C J W Hooper</i> )	779
Methylolmelamine, Aftermercerisation of cotton fabrics treated with	211	<b>Der Wollstoff-Appreteur</b> by Karl-Heinz Schickel ( <i>C J W Hooper</i> )	778
precondensates, Synthetic, Penetrating power into cellulosic fabrics	882	<b>Deutscher Farberkalender 1958</b> Edited by O Mechoels ( <i>C O Clark</i> )	700
treated cellulose hydrate films, Infrared study	672	<b>Die auf Grau abgestimmte Farbwiedergabe im Dreifarbenbuchdruck</b> by K H Schirmer ( <i>L Moore</i> )	47
„ cotton, Wet soiling of	808	<b>Die Wirkung von Waschmitteln auf die Haut</b> by H Stüpel and A Szakall ( <i>H A Turner</i> )	589
„ cottons, Effect of silicone softeners	614	<b>Disposal of Industrial Waste Materials</b> Society of Chemical Industry ( <i>C W Page</i> )	550
„ fabric of improved tear strength, Mechanically-finished	882	<b>Electronic Absorption Spectroscopy in Organic Chemistry</b> by A E Gillam and E S Stern ( <i>E B Knott</i> )	554
„ „ Cotton/rayon blends for	720	<b>Emulsions: Theory and Practice</b> by P Becher ( <i>E V Truter</i> )	700
„ „ in retail stores, Formaldehyde fumes from	614	<b>Encyclopedia of Chemical Technology—First Supplement</b> Edited by R E Kirk and D F Othmer ( <i>S R Cockett</i> )	549
<b>Resins</b> See also Plastics, Polymeric, etc.		<b>Facts from Figures</b> by M J Moroney ( <i>L Peters</i> )	426
Acetylene diurea-formaldehyde, for finishing textiles	705	<b>Farbenlehre und Farbenmessung</b> by W Schultze ( <i>E Coates</i> )	92
Alkali-soluble bisphenol	94	<b>Färberei</b> by E Ulbricht ( <i>S R Cockett</i> )	185
Alkenyl aromatic, stabilised to weathering	786	<b>Farbnamenlexikon von A bis Z</b> by G Seufert ( <i>S R Cockett</i> )	186
Cellulose, in coatings, Determination by colorimetric analysis	448	<b>Fibre Microscopy</b> by J L Stoves ( <i>E H Mercer</i> )	489
Cold-curing, Permanent mechanical effects of	722	<b>Fünf Kapitel Farbenlehre</b> by E Buchwald ( <i>J C Guthrie</i> )	91
Condensation, on cellulose fibres, Characterisation and estimation	448	<b>Geigy, 200 years of</b> , J R Geigy AG ( <i>W H Cliffe</i> )	777
for crease-resistance, Theoretical and practical aspects	68	<b>Guida dei Principali Prodotti Chimici</b> by C Ferri ( <i>C J W Hooper</i> )	658
Detection	507	<b>Historical Notes on Wet-processing Industry</b> by S M Edelstein ( <i>C J W Hooper</i> )	485
Dicarbamate-formaldehyde, as textile finishes	94	<b>History of Industrial Chemistry</b> by F Sherwood Taylor ( <i>C B Stevens</i> )	867
Diethylene glycol dicarbamate-formaldehyde, Treating textiles with	722	<b>History of West of England Cloth Industry</b> by K G Ponting ( <i>C O Clark</i> )	180
Epoxy, as binders in paints	797	<b>Hydrogen Ions</b> by H T S Britton ( <i>L Peters</i> )	45, 863
„ Determination of $\alpha$ -glycol content	731	<b>Identification of Textile Materials</b> Textile Institute ( <i>C B Stevens</i> )	866
Melamine-formaldehyde, Determination in coatings	115	<b>Ion Exchangers in Organic and Biochemistry</b> Edited by C Calmon and T R E Kressman ( <i>R S Asquith</i> )	593
for one-coat hammer metal finishes	878	<b>Khimiya krasitelei</b> by B M Bogoslovskii and N G Laptev ( <i>C J W Hooper</i> )	551
Phosphorus-containing, Flame-resistant finishing of cellulosic fabrics with ( <i>Lecture</i> )	829	<b>Khimiya i tekhnologiya organicheskikh krasitelei</b> by M A Chekalin ( <i>C J W Hooper</i> )	551
Pigmented, for pad-dyeing or printing	107	<b>Knižnica L'udovského Umenia L'udová Modrotlač na Slovensku</b> by J Vydra ( <i>P Krug</i> )	865
Reaction of urea with formaldehyde in butanol	726	<b>Künstliche organische Farbstoffe</b> Band I and Band II From lectures by H Hopff ( <i>E J Cross</i> )	588
in resin-treated fabrics, Radioactive isotopes for study of distribution	115	<b>Lehrgang für den Textilveredler</b> Supplement to SVF Fachorgan für Textilveredlung ( <i>H A Turner</i> )	485
Silicone, in finishing	220	<b>Light, Colour, and Vision</b> by Yle Grand ( <i>F Jordinson</i> )	424
Synthetic, Internally patterned translucent or transparent	327	<b>Lithopone</b> by E A Becker ( <i>J G Rigg</i> )	588
„ Labelling with fluorescent dyes	115	<b>Man-made Fibres</b> by R W Moncrieff ( <i>R S Asquith</i> )	308
Urea-formaldehyde, Condensation in cellulosic materials	68	<b>Manuel d'Initiation à l'Étude de la Science des Couleurs</b> by F Braun ( <i>S R Cockett</i> )	309
Urea-formaldehyde wet-strength	724	<b>Manufacture of Lakes and Precipitated Pigments</b> by A W C Harrison ( <i>D M Stead</i> )	657
Vinyl halide, Organotin compounds as stabilisers	676	<b>Marking Containers of Hazardous Chemicals</b> Association of British Chemical Manufacturers ( <i>C J W Hooper</i> )	486
m-Xylylenediamine polyamide	71	<b>Measurement of Colour</b> by W D Wright ( <i>E Coates</i> )	553
<b>Resorcinol</b> resins for finishing leather	675	<b>Mécanisme de la Vision des Couleurs</b> by J Ségal ( <i>F L Warburton</i> )	866
<b>Retting</b> , Drying fibres obtained by chemical	703	<b>Mechanismus des Farbsehens</b> by J Ségal ( <i>F L Warburton</i> )	866
<b>Review of Books</b> ( <i>The names of Reviewers are in italics</i> )		<b>Methoden der organischen Chemie (Houben-Weyl)</b> Edited by E Müller ( <i>H H Hodgson</i> )	427
<b>Absorption Spectrophotometry</b> by G F Lothian ( <i>E Atherton</i> )	778	<b>Moderne Wasch- und Reinigungsmittel</b> by H Manneck ( <i>A F Kertess</i> )	702
<b>'Analara' Standards for Laboratory Chemicals</b> (British Drug Houses Ltd and Hopkin and Williams Ltd) ( <i>C J W Hooper</i> )	776		
<b>Annual Reports on Progress of Chemistry for 1956</b> The Chemical Society ( <i>H H Hodgson</i> )	46		
<b>Annual Reports on Progress of Chemistry for 1957</b> Chemical Society ( <i>H H Hodgson</i> )	775		
<b>Anorganische Pigmente und Röntgenstrahlen</b> by R König ( <i>A F Wells</i> )	701		
<b>BDH Book of Organic Reagents</b> British Drug Houses Ltd ( <i>C J W Hooper</i> )	776		
<b>Biological Staining Methods</b> by G T Gurr ( <i>D H Reason</i> )	591		
<b>Book of pH</b> by R B Webber ( <i>L Peters</i> )	425		
<b>Chemical Industry during Nineteenth Century</b> by L F Haber ( <i>G Rimmer</i> )	309		
<b>Chemisorption</b> Edited by W E Garner ( <i>L Peters</i> )	552		
<b>Chemistry of Carbon Compounds</b> Volume IV, Part A, Heterocyclic Compounds Edited by E H Rodd ( <i>G R Ramage</i> )	488		
<b>Chemistry of Co-ordination Compounds</b> Edited by J C Ballar ( <i>G J Weston</i> )	489		
<b>Chemistry and Technology of Naphthalene Compounds</b> by N Donaldson ( <i>E R Ward</i> )	587		
<b>Colour in Surface Coatings</b> Research Association of British Paint, Colour, and Varnish Manufacturers ( <i>E Coates</i> )	92		

Review of Books—continued

Natural and Synthetic Fibres Yearbook 1957 Edited by M Harris and H Mark (S Burgess) ...	863
Naturally Occurring Quinones by R H Thomson (W Bradley) ...	550
Neueste Fortschritte und Verfahren in der chemischen Technologie der Textilfasern Part II Neue Verfahren in der Technik der chemischen Veredlung der Textilfasern Vol III by L Diserens (G W Madaras) ...	487
Optische Aufheller by E Ublein (C J W Hooper) ...	779
Organicheskie krasyashchie veshchestva by V G Shaposhnikov (C J W Hooper) ...	551
pH Measurements by V Gold (L Peters) ...	45
Pigment Particles Their Character and Behaviour in Paint. Research Association of British Paint, Colour, and Varnish Manufacturers (D M Stead) ...	425
Plastics Progress 1957 Edited by P Morgan (R S Asquith) ...	556
Précis des Matières Colorantes Synthétiques Tome II Matières colorantes by H Wahl (A R Thompson) ...	307
Present Day Views on Mechanism of Leather Dyeing and their Practical Value by G H Otto (H E Nurst) ...	490
Printed Textile Design by T Conran (J Chirside) ...	864
Printing and Litho Inks by H J Wolfe (L J Watkinson) ...	778
Problems in Wood Chemistry Weizmann Science Press of Israel (W R Moore) ...	866
Proceedings of Perkin Centennial Edited by H J White (C J W Hooper) ...	485
Proceedings of Second International Congress of Surface Activity Edited by J H Schulman (C J W Hooper) ...	486
Recueil des Formules et Tables de Colorimétrie by F Braun (S R Cockett) ...	309
Reports on Progress of Applied Chemistry Volume XLI 1956 Society of Chemical Industry (A F Kertess) ...	185
Reproduction of Colour by R W G Hunt (C H Giles) ...	554
Resonance in Organic Chemistry by G W Wheland (N H P Smith) ...	186
Review of Textile Progress Volume 8 (1957) Society of Dyers Colourists and Textile Institute (P T Speakman) ...	586
Small Firms with Big Problems Information Division DSIR (C J W Hooper) ...	775
Sources of Invention by J Jewkes, D Sawers, and R Stillerman (C H Giles) ...	774
Statistical Methods in Research and Production Edited by O L Davies (L Peters) ...	426
Surface Active Agents and Detergents by A M Schwartz, J W Perry, and J Berch (J L Moilliet) ...	487
Symposium on Trade Wastes Institute of Sewage Purification (L Morris) ...	700
Synthetic Detergents by P A R Puppelt (H A Turner) ...	589
Technologie und Chemie der synthetischen Fasern aus Polyamiden by H Klare (F E Wallwork) ...	45
Textile Chemicals and Auxiliaries Edited by H C Speel and E W K Schwarz (C S Whetwell) ...	488
Textile Chemistry and Testing in the Laboratory by R W Padgett (H A Turner) ...	307
Textile Recorder Annual 1958-1959 (C J W Hooper) ...	779
Tracer Applications for Study of Organic Reactions by J G Burr (G J Weston) ...	489
Über Silikone und ihre Anwendung in der Textilveredlung by W Weltzien and G Hauschild (G W Madaras) ...	555
Untersuchungen über neue Pigmentfarbstoffe by O Schmitz-Du Mont (E Coates) ...	552
Vervrij-Beginzelen by J Nunnikhoven (E Marney) ...	864
Visual Pigments by H J A Dartnall (F Jordinson) ...	553
Vocabulaire des Surfactifs ou Agents de Surface Association Française de Normalisation (S R Cockett) ...	776
Vocabulary of Technical Terms used in Textile and Related Industries Imperial Chemical Industries (C J W Hooper) ...	779
Wasserdichtmachen in Rezeptform by R Günther (S R Cockett) ...	305
Work Study Conference Organised by Association of British Chemical Manufacturers (W Hesket) ...	592
Zur Dichtebestimmung von Fasern by J Jullis (J M Preston) ...	701

Review of Books—continued

Zur Nomenklatur der Textilhilfsmittel, Lederhilfsmittel, Gerbstoffe und Waschrohstoffe by W Scheer (S R Cockett) ...	776
Rhodamine B, Detection of ...	729
Fluorometric determination of thallium with Photometric determination of thallium with ...	327
Rhodanine esters of maleic anhydride copolymers, Light-sensitive ...	217
Rhodomatin, Preparation and structure ...	877
Rilsan, Dyeing ...	662
Identification ...	563
Rimino compounds, N <sup>3</sup> -Substituted derivatives of anilino-safranin ...	506
safranin ...	432
Rodent repellent ...	786
Dodecyl alcohol and dodecylamine acetate for fabrics and cordage ...	883
Rollers, Adjusting squeeze ...	93
Pressure ...	658
for stretching fabric weltways, Tensioning ...	188
Romijn's method for estimation of formaldehyde in presence of ammonium salts ...	447
Rongalit H ...	107
Rotator, Fibre ...	76
Rotproof finish ...	326
finish for cellulose materials ...	566
Rotproofing agents, Biguanides ...	100
agent for cellulose, Salicylaldehyde ...	871
cellulosic fabrics ...	324
cellulosic materials ...	500
with copper formate ...	213
jute by treatment with soluble copper salts ...	69
leather and cellulosic textiles ...	566
textiles ...	614
Rubber, Abstracts ...	71, 110, 215, 327, 445, 502, 568, 617, 676, 726, 810, 885
Coating ...	446
compositions, Butyl, of improved weathering and discolouring resistance ...	216
Natural and synthetic, Behaviour at high temperatures (ICI) (Pattern Card) ...	49
Printed and embossed ...	510
Slip-finish flock-coated ...	216
Substitute, Coloration of polyurethane flexible foam by dyeing (ICI) (Pattern Card) ...	429
Rubbing of light leathers, Proposed official method for testing Provisional method for testing fastness of light leathers wetted from back with organic solvents ...	115
620	
Ruby, Colour problem ...	712
Russian manufacturing, dyeing and printing industries, Present trends ...	718
Rutin, Determination ...	218

S

Safety in chemical industry ...	93
Coloured shirts for ...	773
Salicylic acid, p-Amino, from p-nitrosalicylic acid ...	53
acid, 5-Diazo, Preparation ...	707
Sample dyeing device ...	73
Samples, Compact, Device to facilitate penetration ...	570
Sandothrene Golden Yellow NGW (S) (Pattern Card) ...	313
Grey F-N3G (S) (Pattern Card) ...	313
Yellow F-N2GL (S) (Pattern Card) ...	313
Sandozol Brown F-RV (S) (Pattern Card) ...	313
Satins, Improved colour effects on ...	498
Schiff's bases, Yellow nonfluorescent ...	261
Schoenemann reaction, Triarylmethane dyes as redox indicators ...	315
Scientific education, Problems ...	91
Societies, Rating ...	90
Scorch marks removed from fabric ...	600
Scouring, Abstracts ...	65, 103, 208, 320, 440, 497, 563, 605, 668, 717, 799, 879
apparatus ...	870
Development of detergents for raw wool ...	219
efficiency ...	728
greasy wool, Neutral ...	600
Practical aspects of neutral grease-wool ...	206
Reduction in time due to changes in liquor and washing of worsted dress material, Continuous ...	497

	PAGE		PAGE
<b>Scouring—continued</b>		<b>Size—continued</b>	
wool ... ..	800	Removal of alginate-based ... ..	440
wool, Chemistry ... ..	800	Textile ... ..	785
<b>Scray</b> ... ..	491	<b>Sized paper</b> ... ..	884
<b>Screen printing apparatus</b> ... ..	784	<b>Sizing, Abstracts</b> ... ..	68, 107, 211, 323, 442, 500, 564, 613, 671, 720, 806, 882
Automatic control of feed paste ... ..	188	acrylic yarns ... ..	615
hose ... ..	703	carbonate-filled paper ... ..	884
machine ... ..	870	carpets ... ..	68
Squeegee for ... ..	323	Cotton, Examination of factors by means of sized rovings ... ..	442
stencils, Japanese wax paper method for preparation ... ..	881	Effect of yarn tension ... ..	720
<b>Selenenic acid esters, New preparations</b> ... ..	873	and finishing substances, Continuous automatic control ... ..	68
<b>Selenocyanides, Photocatalytic bromination</b> ... ..	873	machines with one-way air driers ... ..	188
<b>Selenoindigo, Ultraviolet absorption spectra</b> ... ..	662	Permanent, of coloured cellulose acetate warps ... ..	672
<b>Selenonaphthen, 3-Hydroxy-, Ultraviolet absorption spectra</b> ... ..	662	Warp, Copolymer containing vinyl and carboxy groups for ... ..	871
Ultraviolet absorption spectra ... ..	662	yarns ... ..	70, 212
<b>Self-sterilising surfaces</b> ... ..	326	<b>Skins, Animal, Unhairing and/or baking</b> ... ..	327
<b>Seminal stains, Acid phosphatase test for</b> ... ..	72	<b>Sky Blue FF, Isopiestic measurements of electrolyte activity</b> ... ..	564
<b>Sensitisers for lithographic plates, Aromatic diazoxide sulphonamides</b> ... ..	211	<b>Soap, Chromium, removed from wool or hair of chrome-tanned pelts</b> ... ..	215
Optical, Sorption on silver bromide ... ..	209	Colour reaction for non-ionic and amphoteric ... ..	718
<b>Sensitising dyes in adsorbed state, Effect of dispersion and adsorbent on spectral curve of absorption</b> ... ..	700	Improving properties ... ..	704
<b>Sequestering agents on photographic processing baths, Pyridine 2:6-dicarboxylic acids</b> ... ..	660	solutions, Phase relations and specific salt effects ... ..	704
<b>Serisol dyes on secondary acetate (YDC) (Pattern Card)</b> ... ..	595	Specific heats of aqueous solutions ... ..	596
<b>Serisolector (YDC) (Pattern Card)</b> ... ..	595	<b>Soaping fabric after azo coupling</b> ... ..	718
<b>Set, Chemical mechanism of permanent</b> ... ..	68	<b>Society of Dyers and Colourists</b>	
<b>Sewage, Trichloroethylene in</b> ... ..	305	Affiliated Societies ... ..	516
<b>Sewing threads, Lubrication</b> ... ..	212	Annual Accounts ... ..	521
<b>Sheepskin pieces, Recovery of wool from soaking pits, Laboratory screening test for bactericides</b> ... ..	102	Annual Dinner ... ..	526
<b>Sheet material, Self-manifolding</b> ... ..	881	Annual General Meeting ... ..	517
<b>Shirts, Coloured according to work hazard</b> ... ..	773	Annual Golf Competition ... ..	546
<b>Shrinkage, Compressive, History and development (Lecture)</b> ... ..	8	Annual Meeting of Section Officers ... ..	546
Compressive, History and development (Erratum) ... ..	546	Associates, Election ... ..	656
prevention of wool fabric with polyamide-epoxide resin finishes ... ..	806	Associateship examination papers 1958 ... ..	621
<b>Shrinking, Chemical, Improved methods</b> ... ..	325	Associateship examination 1959 ... ..	771
Compressive ... ..	213, 326, 808	of Australia, Annual report 1956-1957 ... ..	38
<b>Shrinkproofing treatments</b> ... ..	68, 325	Coat of Arms, Symbolism ... ..	304
<b>Shrink-resist cellulosic materials</b> ... ..	615	Committees, Composition ... ..	510
finishing ... ..	807	Committees, Meetings of ... ..	37, 90, 184, 304, 423, 482, 546, 596, 656, 696, 768, 862
treatments for wool, Appraisal ... ..	325	Council Composition ... ..	509
<b>Silica</b> ... ..	667, 715, 796	Council, Meetings of ... ..	37, 90, 184, 304, 423, 482, 546, 596, 656, 696, 768, 862
dispersions and a metallic oxide, Treating fibres with ... ..	565	Diploma Schemes ... ..	1
Hydrophobic ... ..	715	Fastness Tests Co-ordinating Committee See Fastness Tests Co-ordinating Committee	
<b>Silicic acid and pigments</b> ... ..	202	Fastness Tests Co-ordinating Committee ... ..	304, 656, 862
<b>Silicon, Determination in textile materials</b> ... ..	507	Fellows, Election ... ..	305
dioxide ... ..	715	Gold Medal awarded to Mr J Barritt ... ..	305
Rapid group test ... ..	507	H R H Duke of Edinburgh, Patron of International Congress 1959 ... ..	656
<b>Silicone elastomers, Pigmented</b> ... ..	503	Journal Official notices ... ..	1
emulsions for textiles ... ..	443	Loan of books and periodicals from ... ..	2
finish for organic fibres ... ..	721	London Section Chairman's Badge ... ..	771
rubber coated fabrics ... ..	882	Medals and Awards ... ..	3
softeners, Effect on resin-treated cottons ... ..	614	Medal Recipients ... ..	4
Tin or zirconium compounds as catalysts for curing ... ..	191	Objects ... ..	1
Use as water-repellent finishes ... ..	835	Official notices ... ..	1
<b>Silk, Continuous scouring</b> ... ..	717	Officers and Members of Council, Election ... ..	1
Durability of white ... ..	321	Presidents, Past ... ..	510
dyeing, Automatic temperature control ... ..	498	Proceedings ... ..	8, 77, 117, 221, 329, 449, 517, 569, 629, 677, 733, 813
fibres, Treatment with diazomethane ... ..	212	Section Committees ... ..	514
fibrin, Oxidation by hydrogen peroxide and by peracetic acid ... ..	65	Section Reports for 1957-1958 ... ..	546
Viscosimetric determination of damage ... ..	730	Huddersfield ... ..	546
Raw, Effects of phosphates and silicates ... ..	668	London ... ..	547
<b>Siloxanes applied to fabrics</b> ... ..	883	Manchester ... ..	547
<b>Silver dragées, Colouring</b> ... ..	508	Midlands ... ..	547
Metallic, Coating with ... ..	879	Northern Ireland ... ..	548
Yellow colloidal, for absorbing blue light ... ..	706	Scottish ... ..	548
<b>Singeing, Application of yarn hairiness measurement techniques to control</b> ... ..	619	West Riding ... ..	548
<b>Sirius dyestuffs (FBy) (Pattern Card)</b> ... ..	311	Bradford Junior ... ..	548
Supra Blue G, Synthesis ... ..	192	Leeds Junior ... ..	549
Supra dyestuffs (FBy) (Pattern Card) ... ..	311	Manchester Junior ... ..	549
<b>Size, Acidic</b> ... ..	705	Scottish Junior ... ..	549
for cellulosic warps ... ..	704	Silver Medal awarded to Mr F Atack ... ..	305
for hydrophobic yarns ... ..	704	Subscription rates ... ..	1
for nylon ... ..	705	Summer School, Nottingham ... ..	768
for organic esters of cellulose ... ..	70	<b>Sodium carboxymethyl cellulose, Action in washing baths</b> ... ..	800
Paper, Triazine derivatives ... ..	724	of low degree of substitution as a finish for textiles ... ..	502
		cupricellulose, Methylcelluloses from ... ..	444



	PAGE		PAGE
<b>Sodium—continued</b>		<b>Steaming, Humidification of cotton prior to</b>	499
1:8-dihydroxy-2-(2-hydroxyphenylazo)-3:6 naphthalene-		Migration of dyes in fibre-substance during ( <i>Symposium</i> )	345
disulphonate, Spectrophotometric investigation with		textiles, Physical and thermodynamic aspects	323
magnesium ions	597	<b>Stenhouse dyes, Action of sodium sulphite on</b>	194
dithionite, Polarographic investigation	446	<b>Sterilising paper pulps</b>	327
„ Semi-quantitative estimation	446	<b>Scilbene-2:2'-disulphonic acid, 4:4'-Diamino-, Sulphonated</b>	
dodecyl sulphate, Heat of micelle formation	563	benzo- and naphtho-triazoles from	194
hydrosulphite, Assay	75	<b>Stoving compositions, Durably elastic</b>	204
„ Feeder for ( <i>Erratum</i> )	90	<b>Stripes printed on fabric</b>	442
hypochlorite, Continuous manufacture	801	<b>Stripping agent, Polyvinylpyrrolidone as</b>	786
lauryl sulphate, Adsorption at air-liquid interface	65	<b>Styrene oxide condensates with ureas or thioureas as auxiliary</b>	
p-methoxybenzenediazosulphonate, Chemical effect of		agents and intermediates for dyes	560
light on	707	<b>Styryl Dyes</b>	705
nitrate, Adsorption of dyes by	104	<b>Sublimation, Thermostest apparatus for testing fastness to</b>	73
polymethacrylate, Isoelectric measurements of electrolyte		<b>Suade fabrics, Knitted fabrics resembling</b>	722
activity	564	<b>Sugars, Decomposition products and their influence on caramel</b>	434
sulphosuccinate, Colloidal properties of esters	596	<b>Sulfonine Brilliant Red BGN (S) (Pattern Card)</b>	313
<b>Softening agents, Amphoteric, Stable to high temperatures</b>		<b>Sulphamic acid, Reaction with diazo compounds</b>	95, 707
and hard water...	94	acid, Titrimetric determination	504
„ for cellulose, Cationic	93	<b>Sulphate acid ester, determination in unstabilised cellulose</b>	
<b>Soil burial method for evaluating textile preservative treatment,</b>		nitrate	507
Reliability	731	<b>Sulphide, Oxidation in aqueous solutions on aeration in</b>	
Distribution on cotton surface	800	presence of pyrolusite	49
particles, Influence of conditions on deposition on to		Titration with organic mercury compounds	507
cotton from detergent solutions	800	<b>Sulphite-cellulose extract, Estimation in systems</b>	111
removal from cotton fabrics, Evaluation...	447	<b>Sulpho groups, Interchange with hydroxyl groups</b>	787
resistance of fabrics improved	213	<b>N-(6-Sulpho-1-Naphthyl)-γ acid, Preparation</b>	712
„ to textiles, Aluminium phosphate for imparting	566	<b>Sulpholysis of sulpho groups in aromatic sulphonic acids</b>	596
retention, Effect of twist	65	<b>Sulphonation with sulphur trioxide</b>	596
„ by textile fibres	505	with sulphur trioxide, High-boiling alkylated benzene	704
<b>Soiling cellulose hydrate fibres</b>	800	<b>Sulphonium compounds, Aromatic, as intermediates for dye</b>	
wet, of resin treated cotton fibre	808	pigments, auxiliary agents and paint additives...	509
<b>Soil-resistance to textiles, stable aqueous titania mono-</b>		<b>Sulphur black, Artificial ageing of cotton fabrics dyed with</b>	105
hydrate dispersions for	871	„ Tendering of cotton dyed with	498
<b>Soil-resistant finishing agent, Titania monohydrate</b>		and its compounds, Determination in rayon	447
pile fabrics	213, 809	Xanthate, Determination in viscose	507
<b>Solar Brown 2 R (S) (Pattern Card)</b>	313	<b>Sulphur Dyes added to viscose spinning solutions</b>	103
Grey 3LBN (S) (Pattern Card)	313	Application of solubilised	802
Turquoise Blue FBL (S) (Pattern Card)	313	Blue	714
<b>Soldegel GL, Application and action when dyeing with</b>		from carbazole-indophenols	710
Indanthren dyes	802	Continuous dyeing with	564
<b>Solophenyl Brown 3RL (Gy) (Pattern Card)</b>	781	Dyeing with	208
<b>Solution concentration-gradients, Device for forming</b>		Leuco, Paper electrophoresis ( <i>Correspondence</i> )	890
properties	568	Phthalocyanine	81
<b>Solvent dyes, Identification</b>	217	from tetrahydro-1-alkyl-3-quinolinol	598
dyes, Reverse-phase chromatography in analysis...	217	for Vinylon, Quinoneimine-type	598
for linear condensation polymers	786	<b>Sulphuration of organic compounds in rotary kiln</b>	710
for linear polyamides	871	<b>Sulphuric acid, Concentrated, Chemical attack on wool</b>	
Organic, Provisional method for testing fastness of		( <i>Communication</i> )	176
coloured leathers to	620	„ Effect on wool ( <i>Communication</i> )	173
Toxicity	784	<b>Sunlight, Moisture content of samples exposed to</b>	887
<b>Soviet textile journal</b>	609	<b>Suntex R-1041 fading lamp</b>	114
<b>Spanish Red, Thierry de Menonville's Voyage à Guaraná</b>	599	<b>Supersensitisation, Mechanism</b>	67
<b>Spectral sensitivity curves, Comparison of scotopic, mesopic</b>		<b>Surface treatment of powdered oxides</b>	667
and photopic	730	<b>Surface-active compounds, Increasing viscosity of aqueous</b>	
sensitivity data obtained in different retinal locations and		solutions	189
with two sizes of foveal stimulus	113	compounds, Polyoxyalkylene	785
<b>Spectrophotometer attachment, Simple logarithmic ratio-</b>		dyes, Synthesis and properties	493
recording	113	<b>Surface-active Agents</b>	871
Technique for calibration of wave-length scale	888	Analysis by ion-exchange method	886
<b>Spectrophotometric errors, Chromatic significance</b>	113	Anionic, Ester and amide type	704
<b>Spherulites in polyhexamethylenedipamide, Fibrillar structure</b>	216	„ Stable acid emulsion	49
<b>Spray booth</b>	49	Evaluation of properties	327
<b>Stabilisation of cellulose fabrics by alkyl silicon halide</b>		Indigo method for evaluating	111
vapours	500	Non-ionic	870
<b>Stabilised fabric, Silicoate-aminoplast compositions for</b>		Non-ionic, Qualitative test method. Cloud number test	887
producing	565	„ Separation from mixtures with anionics by batch ion	
<b>Stability, Dimensional, of regenerated cellulose textiles,</b>		exchanges	503
Alkoxymethylene quaternary ammonium compositions		„ Synthesis of polyoxyethylene glycol monohexyl ethers	659
for improving	659	Rôle in dyeing synthetic fibres	804
<b>Stain, removal</b>	104, 784	Rôle in processes for dispersing solids in liquid media	799
<b>Stainless steel, Coloured</b>	774	<b>Surface-coating industry, Electron microscope in</b>	606
„ Corrosion by chlorine dioxide inhibited	313	<b>Surgery, Plastic, Factor of colour in</b>	620
<b>Starch, Bacteriostatic compositions for</b>	871	<b>Suspensions of small spheres at low rates of shear, Rheological</b>	
complex pigment	877	properties of stable	101
Laundry	871	<b>Swift Edgar Allan (Obituary notice)</b>	306
Periodate-oxidised, Colorimetric method for determining		<b>Switzerland, Textile education in</b>	184
dialdehyde content	730	<b>Symposium dinner</b>	117
Rapid amperometric determination	217	on "Recent advances in coloring of man-made fibres"	117, 221, 331
<b>Stationery, Manifold, Laminated transfer device for</b>	725	<b>Syntans, Estimation of sulphite-cellulose extract in</b>	111
		<b>Synthetic See under Fibres, Resins, Tannins, etc.</b>	

	PAGE		PAGE
<b>T</b>		<b>Thioindigoid Dyes</b> ...	703
<b>Tanning</b> <i>See also Retanning</i>		<b>Thiol groups, Action of <i>N</i>-ethylmaleimide on wool and its use for estimation of</b> ...	447
with double silicates of zirconium and alkali metals ...	215	<b>Thionaphthostyryl dyes</b> ...	710
retanning and filling ...	327	<b>Thionine, Photoreduction by ferrous sulphate using flash irradiation</b> ...	873
with zinc sulphide or sulphhydrate for white leather ...	810	<b>Thionol Dyes (ICI) (Pattern Card)</b> ...	48
<b>Tanning Agents</b> ...	492, 705	<b>Thiophen, Nitro and amino compounds of phenylated derivatives</b> ...	789
Chloroacetic esters ...	94	$\alpha$ and $\beta$ Phenyl-, and nitro compounds, Absorption curves ...	434
and electrolytes, Periodic deformation of collagen in solutions of ...	617	<b>Thiosulphate, Oxidation in aqueous solutions on aeration in presence of pyrolysate</b> ...	49
Resin ...	726	<b>Thioureas, Spectrophotometric determination</b> ...	504
Synthetic ...	191	<b>Thiourethanes of cellulose esters</b> ...	214
Urethane-formaldehyde condensates ...	660	<b>Thioxanthene 5-dioxide, Preparation and properties of aryl derivatives</b> ...	789
<b>Tannins, Condensed, Advances in chemistry</b> ...	504	<b>Threads, Artificial, Continuous liquid treatment</b> ...	658
Condensed, Molecular weight as factor determining affinity for collagen ...	810	Heating continuously moving ...	313
<b>Tautomerism in aprotic solvents</b> ...	788	<b>Tilburg textile museum</b> ...	698
<b>Tear strength of fabrics</b> ...	60	<b>Tinting base, Dual-purpose</b> ...	716
tests, Comparison of fabric ...	618	<b>Titanic acid esters as water-repellent finishes for textiles</b> ...	191
<b>Technical literature, ... and inwardly digest (Lecture)</b> ...	458	<b>Titanium compositions, Organic, of good stability to alkali</b> ...	557
<b>Technological award, A new higher</b> ...	862	organic compounds soluble in water and organic solvents ...	191
<b>Tendering action and light fading of photosensitive vat dyes, Relation of effect of resins</b> ...	613	Organic derivatives ...	785
of cotton dyed with sulphur black ...	498	Rapid group test for ...	507
<b>Tension of cloth, paper, etc. controlled while being drawn off a reel</b> ...	48	<b>Titanium Dioxide</b> ...	438, 667, 715
Constant, maintained in material being wound on to or off a roller ...	48	Addition to polymerisation mixture in manufacture of polycaprolactam fibres ...	668
,, maintained in yarn or cloth during processing ...	48	Alkaline earth metal sulphate pigments ...	100
control when winding tubular fabric ...	48	coated pigments for styrene polymers ...	62
<b>Tenters</b> ...	188, 313	Composite rutile ...	877
Pleated introduction of cloth into clip or pin chains ...	491	Differentiation ...	218
working at high temperatures, Pin bars for ...	188	Non-chalking anatase ...	877
<b>Terephthalate, Bis-<math>\beta</math>-hydroxyethyl-, Polymorphism</b> ...	110	Organophilic ...	202
<b>Terylene, Action of hydrazine on (Communication)</b> ...	702	pigments for stoving enamels ...	715
/cellulosic fibre unions, Dyeing (ICI) (Pattern Card) ...	420, 782, 783	in polyvinyl acetate emulsion paints ...	606
dyeing (ICI) (Pattern Card) ...	869	Theoretical aspects of chalking ...	438
Effect of acids ...	563	Water-dispersible ...	100
/nylon blends, Dyeing (ICI) (Pattern Card) ...	782	<b>Toluenes, Nitro-, Identification by paper chromatography</b> ...	217
polyester fibre, High-temperature disperse dyeing (Symposium) ...	387	<b>Toluenesulphonic acid and its acid chloride, Equilibrium between</b> ...	430
polyester fibre, Printing (ICI) (Pattern Card) ...	782	<b>Toluidines, Identification by paper chromatography</b> ...	217
Production of pale and medium shades of high fastness to light (ICI) (Pattern Card) ...	869	<b>Toxicity of lithium salts to keratin-digesting insect larvae</b> ...	443
slubbing or loose stock, High-temperature dyeing (Symposium) ...	382	<b>Tracer technique in fibre research</b> ...	505
/Wool blend material, Dyeing (ICI) (Pattern Card) ...	429, 783	<b>Transfer sheet</b> ...	806
/Wool blends, Quantitative analysis (Correspondence) ...	303	sheets for spirit duplication ...	67
<b>Testing, Abstracts</b> ...	71, 111, 217, 327, 446, 503, 568, 618, 676, 727, 811, 885	<b>Transfers, Application</b> ...	107
charges ...	772	for cloth ...	806
<b>Tetracyanoethylene, Addition reactions</b> ...	661	to garments, Automatic application ...	188
Preparation and reactions ...	661	having no tendency to curl ...	567
Spectroscopic studies of molecular complexes ...	661	Laterally non-reversed by heat development ...	806
<b>Tetrazisazo direct dyes, Navy blue metal-complex</b> ...	436	<b>Translucent sheets, Examining</b> ...	323
<b>Tetrazoles, Aminophenyl-, as diazo components for azo dyes and pigments</b> ...	197	<b>Transparent sheets, Examining</b> ...	323
<b>Textile characteristics, Determining</b> ...	448	<b>Treatment, Continuous, of warps, cloth, paper</b> ...	313
chemicals table ...	429	<b>Trevira polyester fibre, Printing</b> ...	805
preservatives, Organo-tin compounds as (Communication) ...	476	<b>Triacetate, Printing Indigosols on</b> ...	805
Progress Review ...	863	/Wool unions, Dyeing (ICI) (Pattern Card) ...	429
quality in relation to consumer requirements, Control ...	72	<b>Triarylmethane compounds as redox indicators in Schoenemann reaction</b> ...	315
research achievements in 1957 ...	496	dyes ...	876
<b>Textiles, Annual review 1957</b> ...	562	<b>Triarylmethanols containing <i>p</i>-hydroxyl substituents and quinonoidation theory of free radicals</b> ...	96
Possibilities and limitations of application of pigments to (Lecture) ...	14	<b>Triazen, Study of tautomeric system</b> ...	95
Treating with corrosive gases and/or vapours ...	93	<b>Triazenes, Use of <math>\alpha</math>-(<i>o</i>-carboxyphenylamino)-aliphatic acids for</b> ...	602
Universal decimal classification ...	102	1:3:5-Triazines, 2:4-Di-(ethylencimino)-... ..	789
<b>Thallium, Fluorometric determination with Rhodamine B</b> ...	327	1:2:3-Triazole, Fluorescent derivatives ...	194, 598
Photometric determination with Rhodamine B... ..	217	[1,2]Triazolesulphonic acids, 2-(3'- and 4'-aminophenyl)-naphtho-, Acyl derivatives ...	195
<b>Thermodynamic relations between stresses, deformations and moisture absorption</b> ...	318	<b>Tricel fabrics, Avoidance of gas-fading on (BrC) (Pattern Card)</b> ...	310
<b>Thermoplastic materials faster to light</b> ...	216	<b>Trichloroethylene in sewage</b> ...	305
<b>Thiacyanines, 6:6'-Disubstituted, containing unsaturated substituents</b> ...	789	<b>Trichromatic ideas in seventeenth and eighteenth centuries</b> ...	76
<b>Thiexanthone quinone</b> ...	99	<b>Tricot warpknit fabric, Spreading</b> ...	188
<b>Thiazine dyes, Photochemistry</b> ...	433	<b>Tricyanovinylamine—a new class of dyes</b> ...	661
<b>Thiazole series, Biscyanines and bis-styryls of</b> ...	662	dyes, Tetracyanoethylene for ...	598
<b>Thickening agents</b> ...	785	<b>Trimers of alkyl acrylates and alkyl methacrylates, Preparation and properties</b> ...	440
		<b>Triphenylmethane triketone system, Condensed, Substitution in</b> ...	708

	PAGE
<b>Triphenylmethane Dyes</b> , Introduction of triazole group into	788
Paper chromatography of acid	72
from phenol and dihydroxydiphenylmethane	787
Spectroscopic study	432
<b>Triphenylmethylcarbonium ion</b> , Mechanism of reduction in	
formic acid	51
chloride, Ionisation in nitromethane	432
containing <i>m</i> -methoxyl substituents	96
<b>Tripyrrylmethenes</b>	193
<b>Trisazo Dyes</b> , Green and olive copper-complex direct	99
for leather, Black, dark blue and dark green	714
Navy blue metal-complex direct	436
<b>Tristimulus colorimetry</b> , Propagation of errors in	113
computations, Accuracy	730
integrator, Universal digital	113
<b>Trypan Blue</b> , Effect on experimental production of liver cancer	
of compounds related to	888
<b>Tryptophan</b> in proteins, Determination	114
<b>Tubular fabric</b> , Finishing	808
<b>Tumescal PH</b> , Effect on light fastness of disperse dyes on	
Terylene (ICI) (Pattern Card)	312
<b>Tyrosine</b> , Colorimetric determination	114
in proteins, Determination	114
<b>U</b>	
<b>Ultramarine</b>	100, 715
<b>Ultraviolet absorbing agents</b>	191
radiation absorbing agents	492, 600
" Degradation of cellulose in a vacuum by	616
" Monoazo compounds as absorbents	191
" Stabilising nylon to	615
" Supercontraction of wool irradiated with	439
transmission of fibre solutions	439
<b>Unhairing animal skin</b> by lime liquor, Effect of organic	
nitrogen compounds in accelerating	215
<b>Union</b> dyeing of blends of polyacrylonitrile fibres with basic	
nitrogenous fibres	564
<b>Unit processes review</b>	48
<b>Untwisting materials</b> in twisted rope form	595
<b>Uranine</b> in D&C Red No. 22	885
<b>Urea</b> , Detection	507
Dyeing in	322
formaldehyde resins, Chemistry of condensation of	
commercial	704
<b>Urine</b> , Removing smell from textiles	801
<b>V</b>	
<b>Varlamine Blue</b> indicator, Complexometric determination of	
iron in presence of	217
<b>Vari-tone</b> cloth dyeing	881
<b>Varnish</b> , Analysis	812
coatings on leather cloth, Hardening	70
Wrinkle	203
<b>Vat Dyeing</b> , Automation in	105
cellulose ethers and esters	670
developments	65
" Do-it-yourself "	774
High temperature, Magnesium compounds for reducing	
consumption of hydrosulphite in	719
Levelling problems	105
polyester fibres	670
Reservation of cellulose triacetate mixed with cotton	
during	718
<b>Vat Dyes</b> , Acedibenzimidazoisoquinolone	603
in the acid leuco form, Dyeing polyester fibres with	669
Acid milling	715, 794
Acylaminoanthraquinone derivatives of 2:5-furandi-	
carboxylic and terephthalic acids	599
Anthraquinone	52, 60, 99, 199, 494, 602
Anthraquinone triazine	60
applied to cellulose acetate	323
Aryloxy-, arylthio-, and arylsulphonyl-indanthrone	
derivatives	599
Azo, of the triazine anthraquinone series	664
Benzanthrone-pyrazoloanthrone	792
Benzanthronimide Green	665
Black dibenzanthrone	876
on cellulose textiles, Pigment padding	298
Condensation of 8-amino-1-azo-anthraquinone with	
2-halogenoanthraquinone	599

	PAGE
<b>Vat Dyes—continued</b>	
Continuous dyeing with	564
Dibenzanthrone, Alkylation process for	494
of the dibenzanthrone series	56
Dyeing fur with	564
Dyeing viscose staple fibre in circulating machines with	718
Effect of thickeners in padding with ultradisperse	802
Heterocyclic	793
Indanthrone	200
Leuco, Equilibrium adsorption values on cotton (ICI)	
(Pattern Card)	48
Leuco esters, Chemistry of (Communication)	291
Measurement of redox potentials	440
Multiple colour changes during Redox changes	802
New	492
Over-reduction and over-oxidation in printing	322
Pad-jig system of application to linen cloth (Communi-	
cation)	180
Perylene	200
" tetracarboxylic acid diimide	603
Photosensitive, Effect of resins on light fading and	
tendering action	613
Phthaloylcarbazole triazine	794
Pink, 5:8-dibenzamido-1-aza-anthraquinone	599
printed viscose rayon fabrics, Flash-ageing of (Symposium)	331
Printing cotton with	805
Pyrazino-anthraquinone	61
from pyrazoloanthronecarboxylic acid, Synthesis	711
Quinoxaline	200
Red anthraquinone	816, 436
Red dipyrazoloanthrone	791
Red pyrazoloanthrone	793
Redox titration curves	506
Solubilised, Dyeing wool with	718
in solution, Limiting redox potentials	730
Substituted, Quantitative analysis	729
Sulphonated	602
Sulphur-containing	437
Sulphuric acid esters of leuco-anthraquinone	56
systems, Changes in	609
Thickening agent for printing with	491
Weathering fastness (ICI) (Pattern Card)	312
Yellow anthraquinone	876
<b>Vegetable matter</b> in scoured wool, Absolute method for	
determination	886
<b>Verein der Textil-Chemiker und -Coloristen</b> , Annual conference	698
<b>Verel</b> fibre, Identification and determination	886
modified acrylic fibre	322
<b>Vermillion</b> , Cadmium, New class of pigments	663
<b>Vibatec K (Ciba)</b> (Pattern Card)	594
<b>Vigoureux</b> printing of Terylene	869
of wool, Increasing rate of dye fixation	823
<b>Vinylidene</b> cyanide interpolymer fibres and films, Enhancing	
affinity for disperse dyes	879
<b>Vinylnaphthalenes</b> and related dienes, Reaction of quinones	
with	198
<b>Vinyon</b> , Colouring (Symposium)	859
1:4-Dihydroxynaphthalene monosulfonyl ethers in dyeing	719
Quinoneimine-type sulphur dyes for	598
<b>N-Vinylalkylalkylcarboxamides</b>	190
<b>Vinyon N</b> , Homogeneous saponification	727
<b>Violacein</b> , Structure	434
<b>Violanthrone</b> -iodine complex, Structural aspects	195
<b>Viscose</b> , Influence of degree of polymerisation and cellulose	
concentration on physical properties	63
Interdependence of components	444
ripening	102
spinning solutions, Adding sulphur dyes to	103
<b>Viscose Rayon</b> , Application of reactive dyes to (Symposium)	372
and cotton in blend yarns and fabrics, Determination	
using sodium zincate solution	219
and cotton, Quantitative chemical analysis of mixtures	219
cross-sections, Direct dye staining and its applications	447
in 1 $\mu$ cross-sections	568
Durability of white	321
fibre, Cross-section	205
" Desulphurisation	716
" Improvement of creasing and swelling properties	107
Optimum conditions for printing with Diazo Blue O	499
Preparation for level dyeing	498
Processing aids (ICI) (Pattern Card)	869



	PAGE		PAGE
<b>Viscose Rayon—continued</b>		<b>Wear resistance of yarns, Apparatus for testing...</b>	620
Rapid fractionation ...	214	—Usure—Verschleiss ...	773
Reflectance measurements in ultraviolet and visible regions ...	498	<b>Weathering, Accelerated and natural, Electron microscope study ...</b>	505
Relationship of lateral-order distribution to skin-core effect ...	319	Determination of fastness ...	731
Removal in analysis of fabrics containing nylon blends...	619	<b>Weather-Ometer, Moisture content of exposed samples ...</b>	887
staple, Reproducibility of measurements of degree of polymerisation and swelling ...	447	<b>Weather-resistant, flame-retardant finish for cellulose ...</b>	808
Structure ...	205	<b>Web guiding heads ...</b>	557
yarns mixed with cotton warp yarns, Rapid detection ...	219	Moisture resistant coated paper ...	567
Yellowing during washing modified by oxidation...	497	tensioning mechanisms ...	595
<b>Viscosity—molecular weight equation, Constants in ...</b>	502	Travelling, sampling ...	313
<b>Vitaminised cloth ...</b>	673	winding machine ...	557
<b>Volumetric analysis, Application of polyphosphate to masking ...</b>	446	<b>Webbing, Permanently embossed elastic ...</b>	213
<b>Vulcafor Fast Yellow 2GS in polythene (ICT) (Pattern Card) ...</b>	311	<b>Werner type complexes, Increasing abrasion-resistance of textiles by ...</b>	213
<b>Vulcaprene A. Applications in leather industry (ICT) (Pattern Card) ...</b>	429	<b>Wet processing, Determination of performance of fibre blends in (Lecture) ...</b>	77
		„ textiles on perforated beams ...	672
		treatment of cloth, Continuous ...	784
		<b>Wetting test, New semimicro continuous method textiles by detergent systems ...</b>	886
			799
		<b>Wetting Agents See also Detergents</b>	
		<b>White of Solerie Lyonnaise, Permanence of ...</b>	321
		<b>Winch for dyeing machine ...</b>	595
		<b>Wine, Coal-tar dyes in red ...</b>	729
		<b>Wittig reaction, Application to synthesis of esters of bixin and crocetin ...</b>	53
		<b>Wood, L. Morton, President of Dyers and Finishers Association ...</b>	37
		<b>Wood pulp, Bleaching ...</b>	440
		„ Maintenance of brightness in bleached ...	109
		stain, Azo dyes from citrus flavanones ...	790
		„ containing pigments ...	732
		„ from flavonoid compounds ...	604
		stained to resemble walnut ...	209
		staining and dyeing ...	322
		Staining and filling ...	732
		<b>Wool, Acid-treated, Neutralisation by solutions of sodium carbonate ...</b>	103
		Action of heat on ...	68
		Amino acid composition of fractionated cortical cells from Application of chromatoelectrophoresis to analysis of morphological fractions ...	608
		blends, Dyeing coarse medulla-containing fibres in ...	716
		Burmese, Cortical differentiation ...	496
		cheeses, Chlorination ...	807
		Chemical anti-felting reaction ...	108
		Chemical damage by aqueous chlorine ...	325
		Chemically modified, Elastic properties and theories of wool structure ...	319
		Combination shades on (Ciba) (Pattern Card) ...	311
		containing polyacrylonitrile, Preparation and properties Continuous dyeing with milling acid dyes (Lecture) ...	807
		Defective, produced by sheep-dips (Correspondence) ...	746
		Densities of physically and chemically modified... ..	545
		Determination of accessibility to sorbates ...	319
		dimensionally stable to repeated washing... ..	447
		Distribution of cystine between ortho- and para-cortex... ..	808
		/Dralon unions, Dyeing ...	716
		dyeing, Adsorption method ...	804
		„ behaviour of South African ...	804
		„ Effect of dye and acid valencies ...	716
		„ Influence of dye structure on rate of ...	803
		„ with lichens ...	803
		„ with metal-complex dyes ...	662
		„ peroxide-bleached ...	106, 207
		dyes, Graphical illustrations of dyeing properties (Gy) (Pattern Card) ...	66, 106
		Effect of boiling in acids and acidic salt solutions... ..	594
		Effect of dyeing with acid mordant dyes on permanent set ...	63
		Effect of sulphuric acid on (Communication) ...	563
		epicuticle, Ultraviolet irradiation and ...	173, 170
		Estimation of cortical components ...	607
		fabric shrinkage, Prevention with polyamide-epoxide resin finishes ...	618
		fabrics rendered dimensionally stable to repeated washing (Erratum) ...	806
		Felting properties ...	862
		fibre bundles, Twist set ...	205
		„ Effect of dyeing conditions on quality... ..	812
		Hydrogen-bonding mechanism for permanent setting ...	307

Wool—continued

	PAGE
fibre properties, Influence of ionising radiations...	102
„ Sorption kinetics of water vapour in ...	496
„ Stretched, Reactivity of disulphide bonds ...	319
Fixing creases and pleats in cloths containing ...	326
Gravimetric estimation of medulla in ...	112
industry, New developments ...	721
„ pH-sensitive processes in ...	784
Inherent resistance ...	708
irradiated with ultraviolet radiation or iodinated, Supercontraction ...	439
Isolation from mixtures with Terylene ...	73
keratin—water vapour, Thermodynamic properties ...	798
Loose, Extracting water from ...	703
-like fibres, New ...	562
Mildly pretreated, Bilateral structure and swelling ...	668
Milling ...	443
Modification of dyeing properties by sulphuric acid modified with difunctional isocyanates ...	721 324
Oxidised, Amino-acid composition ...	798
polyester fibre fabric, Analysis by oil-immersion ...	102
prevented from yellowing ...	808
Raising ...	720
Raw, Washing ...	658
Reaction of formaldehyde with, and its effect on digestion by insects ...	672
Reaction with solutions of sodium hypochlorite ...	798
Reactive dyes on ( <i>Correspondence</i> ) ...	421
Recognition of chemical damage in ( <i>Correspondence</i> ) ...	89
Recovery from sheepskin pieces ...	102
Reducing felting power ...	108
Reducing felting power while increasing its abrasion resistance ...	500
Relation between urea-bisulphite solubility and di- sulphide exchange ...	668
research, Tendencies in present-day ...	205
Scoured, Absolute method for determination of vegetable matter ...	886
serge, Modification during piece dyeing ...	105
structure, Examination by electron microscopy of cross- sections ...	205
supercontraction in solutions of lithium salts ...	319
/Terylene blends, Quantitative analysis ( <i>Correspondence</i> ) ...	303
Tryptophan content... ...	607
Unshrinkable and non-felting ...	722
Use of paper chromatography to recognise chemical damage ...	73
velour cloth, Unevel dyeing ( <i>Communication</i> ) ...	693
washing, Improved ...	497
wax, Colorimetric estimation on fibre, in liquors and in technical products ...	111
yarn, Fast-to-washing dyeing ( <i>Lecture</i> ) ...	569

Woollen fabrics, Finishing ...	565
Worshipful Company of Dyers, General Court ...	771
Company of Dyers Research Medal awarded Mr K McLaren ...	305
Company of Dyers Research Medal, Recipients ...	5
Company of Feltmakers Research Medal ...	0
Worsted fabrics, Finishing ...	565
Wrinkle resistance, New process ...	672
resistant cotton, Durable creasing... ...	614

X

Xanthate compounds, Infrared spectra ...	567
ion, Reactions at air-water interface ...	567
Organic, Osmotic measurements ...	616
Xanthation of cellulose and starch, Behaviour of mineral hydroxides in ...	64
Xanthin, Ash wood ...	874
Xerographic developer ...	442

Y

Yarn, Abstracts ...	63, 102, 204, 318, 439, 496, 562, 606, 667, 716, 797, 879
advancing rollers, Wet treatment of yarn on ...	188
Bulked, Name index ...	103
cheeses, Flexible carrier for wet treatment ...	783
Spinning variegated filament ...	206
Thermoplastic, Continuous processing ...	708

Z

Zefran and blends containing Zefran, Dyeing ...	612
nitrile-alloy fibre ...	322
Zinc and cadmium sulphides and selenides ...	715
dust in anti-corrosive paints ...	53
ferrite pigment ...	318
oxide ...	202
„ Production and properties ...	493
„ Reactive pigment ...	438
„ Surface-treated, American process ...	561
stearate as flattening agent ...	716
surfaces, Organic coatings for ...	878
tetroxychromate in priming paints ...	53
white ...	783
„ Prevention of thickening of bodied oil enamel lacquers pigmented with ...	606
Zip fastener tapes, Dyeing ...	441
Zirconia enamels ...	716
Zirconic acid esters as water-repellent finishes for textiles ...	191
Zirconium organic compounds soluble in both water and organic solvents ...	191
Zolon Red and its silver complex ...	316

# LIST OF BRITISH PATENTS ABSTRACTED

No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page
772,017	102	783,701	56	785,613	60	787,360	211	789,263	322	791,477	508	793,760	557	796,350	663
144	101	715	56	626	189	369	98	310	317	498	437	903	564	367	658
182	93	742	49	629	61	371	199	333	322	531	499	794,036	557	368	667
301	94	752	69	644	50	378	98	532	436	532	436	903	564	369	668
507	101	896	43	672	53	379	99	553	501	553	501	904	565	370	669
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978	94	052	108	725	67	393	208	417	327	577	491	906	566	372	671
774,749	94	156	56	737	109	403	210	485	322	507	491	907	567	373	672
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769	562	190	108	781	210	417	216	547	323	633	445	909	569	375	674
990	491	191	106	784	213	429	109	559	313	637	438	910	570	376	675
992	500	228	93	796	116	476	213	585	321	675	500	911	571	377	676
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257	497	221	60	939	201	582	197	767	496	767	496	914	574	380	679
258	497	228	93	977	204	589	116	776	491	776	502	915	575	381	680
904	49	254	103	988	58	650	116	776	491	797	501	916	576	382	681
779,219	67	318	108	786,008	107	674	212	850	317	802	494	917	577	383	682
231	49	336	107	016	216	716	199	868	327	803	491	918	578	384	683
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423	69	394	106	098	216	792	327	925	313	932	435	921	581	387	686
686	48	396	60	120	188	798	213	996	313	996	615	922	582	388	687
691	48	422	57	144	216	822	188	998	326	792,007	498	923	583	389	688
760	76	437	104	146	203	843	198	790,023	317	018	495	924	584	390	689
803	56	452	93	153	213	878	208	038	314	036	494	925	585	391	690
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043	69	479	107	168	201	908	200	073	318	110	615	927	587	393	692
048	70	512	102	169	201	941	190	082	316	206	494	928	588	394	693
134	48	538	93	190	204	942	189	163	313	210	499	929	589	395	694
227	67	542	67	234	200	948	188	237	327	212	494	930	590	396	695
244	69	613	55	252	189	986	198	261	316	212	494	931	591	397	696
288	66	622	55	312	202	995	188	302	313	337	491	932	592	398	697
700	49	635	58	346	216	788,020	213	306	314	355	491	933	593	399	698
764	66	637	70	383	212	079	190	327	323	368	503	934	594	400	699
812	50	657	49	388	191	087	327	380	495	380	495	935	595	401	700
781,598	76	662	62	403	211	143	212	390	567	390	567	936	596	402	701
782,002	93	664	106	406	204	154	202	418	313	396	494	937	597	403	702
031	71	665	59	444	191	167	198	477	323	406	492	938	598	404	703
393	50	668	106	482	212	169	204	484	322	549	492	939	599	405	704
400	48	669	94	567	98	254	188	491	326	616	495	940	600	406	705
411	48	672	57	596	190	266	197	587	436	624	565	941	601	407	706
412	48	728	93	663	98	282	327	614	316	663	565	942	602	408	707
522	108	764	108	667	202	363	190	615	316	705	497	943	603	409	708
718	111	781	59	670	98	365	210	616	316	708	497	944	604	410	709
719	108	786	60	678	202	369	208	627	313	717	493	945	605	411	710
759	56	839	206	690	214	384	200	641	491	734	561	946	606	412	711
775	67	843	99	730	202	425	211	663	491	734	561	947	607	413	712
785	106	844	67	736	191	427	200	683	314	735	494	948	608	414	713
920	103	878	93	745	98	433	199	728	436	838	564	949	609	415	714
974	93	879	59	749	188	433	199	745	437	838	564	950	610	416	715
783,021	100	880	107	754	202	450	188	796	325	885	317	951	611	417	716
067	55	911	104	762	191	539	190	797	434	885	317	952	612	418	717
123	94	923	111	777	203	547	213	820	321	885	317	953	613	419	718
126	108	926	60	792	204	558	188	837	325	885	317	954	614	420	719
134	106	946	107	805	209	560	191	838	325	885	317	955	615	421	720
157	57	947	62	833	213	635	210	885	317	885	317	956	616	422	721
287	93	966	107	859	211	657	215	904	435	885	317	957	617	423	722
321	61	785,026	58	868	213	664	210	921	437	885	317	958	618	424	723
382	69	033	59	886	190	688	212	921	437	885	317	959	619	425	724
442	48	080	190	902	191	689	199	949	318	885	317	960	620	426	725
443	66	083	70	907	191	708	208	952	436	885	317	961	621	427	726
552	50	084	59	908	191	725	317	952	436	885	317	962	622	428	727
605	49	093	188	909	191	741	215	952	436	885	317	963	623	429	728
610	66	101	59	918	98	777	200	952	436	885	317	964	624	430	729
622	66	120	58	925	99	782	213	952	436	885	317	965	625	431	730
634	57	139	213	927	190	785	326	952	436	885	317	966	626	432	731
		146	188	928	97	863	209	952	436	885	317	967	627	433	732
		214	64	953	190	901	202	952	436	885	317	968	628	434	733
		222	58	953	190	901	202	952	436	885	317	969	629	435	734
		243	188	953	190	901	202	952	436	885	317	970	630	436	735
		299	202	953	190	901	202	952	436	885	317	971	631	437	736
		334	62	953	190	901	202	952	436	885	317	972	632	438	737
		345	58	953	190	901	202	952	436	885	317	973	633	439	738
		383	62	953	190	901	202	952	436	885	317	974	634	440	739
		393	62	953	190	901	202	952	436	885	317	975	635	441	740
		406	62	953	190	901	202	952	436	885	317	976	636	442	741
		457	59	953	190	901	202	952	436	885	317	977	637	443	742
		474	50	953	190	901	202	952	436	885	317	978	638	444	743
		484	188	953	190	901	202	952	436	885	317	979	639	445	744
		486	190	953	190	901	202	952	436	885	317	980	640	446	745
		497	206	953	190	901	202	952	436	885	317	981	641	447	746
		498	49	953	190	901	202	952	436	885	317	982	642	448	747
		512	188	953	190	901	202	952	436	885	317	983	643	449	748
		610	66	953	190	901	202	952	436	885	317	984	644	450	749
		622	66	953	190	901	202	952	436	885	317	985	645	451	750
		634	57	953	190	901	202	952	436	885	317	986	646	452	751



## LIST OF BRITISH PATENTS ABSTRACTED—continued

No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page
798,675	727	799,374	719	799,909	704	800,291	785	800,857	876	801,531	810	802,136	875	802,621	883
676	727			922	716					556	784	150	883	925	880
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799	718	438	703	960	703	401	786	975	795			198	875	945	870
		451	703			479	806			657	876				
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990	703			049	808	598	811			701	810	296	870	750	870
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		621	704	091	784	606	793			721	786	342	878	875	870
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147	703					694	796	275	795					962	871
184	725	708	792	104	783					900	875	516	871	974	881
		710	794	108	790	704	794	333	888	938	809	540	883	975	881
202	715	732	791	117	806	705	785			974	783	541	871		
205	715	742	719	144	791	706	785	404	786	986	797	553	875	803,021	880
224	705	758	705	145	791	710	785	411	785	987	808	554	877	055	883
273	725			157	808	714	806	420	799	990	786	569	875	057	877
279	704	808	722	159	785	733	881	475	786			570	874	077	874
281	703	832	703	199	808	735	804	479	810	802,035	801	574	881	080	871
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324	808	873	704	200	804	750	884	488	877	076	875				
352	714			244	795					085	879				
358	722	901	790	282	806	827	785	522	797	098	875	620	883	123	871

# LIST OF UNITED STATES PATENTS ABSTRACTED

No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page
2,649,383	602	2,749,268	191	2,780,608	501	2,789,919	605	2,799,914	672	2,808,311	721	2,816,045	794
2,734,793	197	269	191	611	503	956	69	329	720	329	720	946	795
2,737,517	56	304	189					2,800,075	671	341	721	114	795
806	76	354	316	2,781,242	501			395	666	348	705	115	794
		737	189	246	495	2,790,715	613			349	705		
2,739,397	49	878	188	247	495	730	725	417	671	400	713	811	881
702	48	2,750,249	212	250	495	734	615	468	664			875	871
868	66	250	208	251	495	735	724			2,809,089	721	882	870
897	67	291	201	281	501	736	725	725	659	098	703	900	793
		296	203			737	596	2,801,157	667				
902	49	306	191	2,782,090	500	742	725			121	716	2,817,118	885
905	49	376	199	101	495	791	601	439	703	122	716	140	881
919	69			187	494	2,791,484	566	446	727	131	808		
963	57							447	727	150	705	468	882
964	57	649	188	208	495	513	602			189	714	574	881
965	57	679	188	2,783,159	496	564	603	847	703	878	810	595	877
973	56	947	326	100	496	568	606			880	795	597	883
				175	501	580	601	938	724				
2,740,183	69	2,751,277	207			2,792,276	612	949	727	945	786	602	882
687	67	278	212	227	494	277	609	995	714	949	786	610	888
727	48	298	201	228	494			990	713	950	797	667	793
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2,741,531	57			2,784,087	492	387	605	2,802,712	732	955	786	2,818,344	878
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		390	314	186	603	2,793,034	595	820	791	2,810,183	784	409	792
		391	189									410	792
2,742,341	66			2,785,041	566	124	604	2,803,105	703	024	808	2,819,153	888
457	58	2,752,244	323	042	564	133	605	108	703	025	783	174	871
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2,743,190	70	255	318	054	557	142	596	191	703	061	806	177	871
191	67	269	325	079	502	192	603			073	806	179	882
192	62			081	566	195	618	516	719			189	871
193	70	333	198	085	568	196	606	543	720	701	786	222	871
194	70	364	200	090	566	214	604	562	722	717	801	253	879
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231	67	781	448	133	561			564	705	048	809	282	872
232	70			145	565	029	659			968	884		
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				559	557	2,794,709	605	374	715	351	784	2,820,090	880
991	67	2,754,171	441	769	557	710	605	391	722			691	883
992	67					736	724			442	884		
993	67	218	439	890	557	737	724	402	721	462	785	710	878
2,744,027	198	219	439			741	613	436	724	463	795	715	882
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035	107			949	566			764	719	478	786	724	882
		796	442	964	567	802	603			497	786	787	876
				990	561	805	603	2,805,176	717				
835	108	2,755,198	443	991	561	2,795,483	605	544	793	544	793	2,821,237	870
				996	566			205	705				
2,745,191	93	290	436			511	605	2,812,230	805			455	882
		201	439	2,786,010	566	513	615			321	712	456	888
766	100	293	437	054	561	556	596	464	717	322	794	457	883
770	93					577	601					486	878
		534	443			578	601	913	732	998	805	489	879
2,746,280	93			731	564	582	665	914	732	999	806	525	876
		2,756,144	442	735	565	583	666	917	715			526	876
836	107	149	442	757	724	584	666	956	715	2,813,009	798		
837	110	151	442	758	724	586	665	957	795	039	795	760	870
838	94	160	429	776	562	587	665	958	715	052	800		
		164	567	777	562	588	666						
941	108	175	430	778	618			964	705			2,822,280	881
952	198			785	568			992	705	416	783	281	879
953	197	669	429	786	725	2,796,169	595	993	705			285	877
955	197			787	566					506	784	288	882
		2,757,064	436			318	612	2,806,001	717			289	879
2,747,250	188			821	568	327	605	020	704	801	790	295	883
		102	445	822	568	332	605	023	713	863	794	296	883
506	188	152	430	823	724	357	605	054	714	875	793	297	871
		173	435	824	724	358	605	060	704				
966	202			825	724	377	596			2,814,565	806	2,823,092	881
997	211			826	724					573	786	093	883
999	211	2,779,183	429			418	715	762	723	574	797	094	883
				2,787,516	615	425	596	798	706	577	888		
2,748,010	206	656	563										
019	213	664	438	821	568			802	715	851	799	142	883
021	191	665	438	822	568	2,797,171	724	804	722			145	871
		686	442	505	596					2,815,260	801	190	878
		688	508			2,798,000	667	2,807,072	723	287	796	979	877
107	198	691	430	2,788,274	613	047	659	073	723	300	883	977	877
109	214			291	615	057	660			301	786		
110	214	736	442	293	615			523	703				
114	201	772	109	295	596	788	670	544	720			2,824,087	877
115	201							555	732	531	870	097	880
		2,780,547	500	655	620			557	726	658	732	099	877
		555	496			819	607	577	715	664	783		
2,749,247	203	558	495	2,789,125	604			601	721	2,816,003	808	778	883
248	202	559	496			2,790,358	666			004	799	812	878
249	204	560	502	498	595			858	715	028	806	825	831
253	214	563	567			594	666	864	704	029	806	826	831
256	213	566	501	904	612	595	666	865	704			827	871
		567	500	916	608	599	678						

# LIST OF PERIODICALS ABSTRACTED

With Abbreviated Titles used

JANUARY—DECEMBER 1958

ABBREVIATED TITLE	JOURNAL	ADDRESS OF PUBLISHER
<i>Amer. Dyestuff Rep.</i> ... ..	American Dyestuff Reporter ... ..	44 E. 23rd Street, New York 10, N.Y., U.S.A.
<i>Anal. Chem.</i> ... ..	Analytical Chemistry ... ..	American Chemical Society, 20th and Northampton Streets, Easton, Pa., U.S.A.
<i>Analyst</i> ... ..	Analyst ... ..	7-8 Idol Lane, London E.C.8.
<i>A.Q.T. Boletín Técnico Informativo</i> ... ..	A.Q.T. Boletín Técnico Informativo ... ..	Asociación Química Textil, Takahuanu 265, Buenos Aires, Argentina.
<i>Australian J. Biol. Sci.</i> ... ..	Australian Journal of Biological Sciences ... ..	Commonwealth Scientific and Industrial Research Organisation, 314 Albert Street, East Melbourne C2, Victoria, Australia.
<i>Biochem. J.</i> ... ..	Biochemical Journal ... ..	Cambridge University Press, Bentley House, 200 Euston Road, London N.W.1.
<i>Biochim. Biophys. Acta</i> ... ..	Biochimica et Biophysica Acta ... ..	Elsevier Publishing Company, Spuistraat 112, Amsterdam C, Holland.
<i>Bull. Assoc. Française Chim. Ind. Cuir</i> ... ..	Bulletin de l'Association des Chimistes des Industries du Cuir et Documents Scientifiques et Techniques des Industries du Cuir ... ..	54 rue René-Boulanger, Paris X, France.
<i>Bull. Chem. Soc. Japan</i> ... ..	Bulletin of the Chemical Society of Japan ... ..	5, 1-Chome, Surugadai-Kanda, Chiyoda-ku, Tokyo, Japan.
<i>Bull. Inst. Text. France</i> ... ..	Bulletin de l'Institut Textile de France ... ..	50 Rue de la Falsanderie, Paris XVI, France.
<i>Bull. Soc. industr. Mulhouse</i> ... ..	Bulletin de la Société Industrielle de Mulhouse ... ..	12 Rue de la Bourse, Mulhouse (Haut-Rhin), France.
<i>Bar. Stand. J. Res.</i> ... ..	Journal of Research of the National Bureau of Standards ... ..	Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C., U.S.A.
<i>Canadian J. Chem.</i> ... ..	Canadian Journal of Chemistry ... ..	National Research Council, Ottawa 2, Canada.
<i>Canadian J. Physics</i> ... ..	Canadian Journal of Physics ... ..	National Research Council, Ottawa 2, Canada.
<i>Canadian Textile J.</i> ... ..	Canadian Textile Journal ... ..	Canadian Textile Journal Publishing Co. Ltd., 223 Victoria Avenue, Westmount, Montreal 6, Canada.
<i>Chem. Abs.</i> ... ..	Chemical Abstracts ... ..	American Chemical Society, 1155 16th Street, N.W., Washington 6, D.C., U.S.A.
<i>Chem. and Ind.</i> ... ..	Chemistry and Industry ... ..	14 Belgrave Square, London S.W.1.
<i>Chem. Trade J.</i> ... ..	Chemical Trade Journal ... ..	Davis Br. & (C.T.J.) Ltd., 147-149 Grand Buildings, Trafalgar Square, London W.C.2.
<i>Chim. et Ind.</i> ... ..	Chimie et Industrie ... ..	28 rue St-Dominique, Paris VII, France.
<i>Ciba Review</i> ... ..	Ciba Review ... ..	Ciba Ltd., Basle, Switzerland.
<i>Colloid J. U.S.S.R.</i> ... ..	Kolloidnyi zhurnal (Colloid Journal of the U.S.S.R.) ... ..	Academy of Sciences of the U.S.S.R., Moscow B64, Podmosenskii 21, U.S.S.R.
<i>Doklady Akad. Nauk S.S.S.R.</i> ... ..	Doklady Akademii Nauk S.S.S.R. ... ..	Academy of Sciences of the U.S.S.R., Leningrad 164, V.O. Tamozhenny pereulok 2, U.S.S.R.
<i>Dyer</i> ... ..	The Dyer, Textile Printer, Bleacher and Finisher ... ..	Heywood & Co. Ltd., Drury House, Russell Street, Drury Lane, London W.C.2.
<i>Endeavour</i> ... ..	Endeavour ... ..	Imperial Chemical Industries Ltd., Nobel House, Buckingham Gate, London S.W.1.
<i>Faserforsch. und Textiltech.</i> ... ..	Faserforschung und Textiltechnik ... ..	Akademie-Verlag G.m.b.H., Berlin W.8, Mohrenstrasse 39, Germany.
<i>Helv. chim. Acta</i> ... ..	Helvetica chimica Acta ... ..	Verlag Helvetica Chimica Acta, Basle 7, Switzerland.
<i>Hungarian Tech. Abs.</i> ... ..	Hungarian Technical Abstracts ... ..	Budapest V, Bajcsy-Zsilinszky- Ut 22, Hungary.
<i>Ind. Eng. Chem.</i> ... ..	Industrial and Engineering Chemistry ... ..	American Chemical Society, 1155 16th Street, N.W., Washington 6, D.C., U.S.A.
<i>Indian Textile J.</i> ... ..	Indian Textile Journal ... ..	The Indian Textile Journal Ltd., "Surya Mahal", Military Square, Fort, Bombay, India.
<i>Ingen. text.</i> ... ..	Ingeniería Textil ... ..	Mallorca 279, 2°, 3°, Barcelona, Spain.
<i>Izvestiya Akad. Nauk S.S.S.R., otdel. khim. nauk</i> ... ..	Izvestiya Akademii Nauk S.S.S.R. ... ..	Academy of Sciences of the U.S.S.R., Moscow, B. Kaluzhskaya 14, U.S.S.R.
<i>J. Amer. Chem. Soc.</i> ... ..	Journal of the American Chemical Society ... ..	1155 16th Street, N.W., Washington 6, D.C., U.S.A.
<i>J. Amer. Leather Chem. Assoc.</i> ... ..	Journal of the American Leather Chemists' Association ... ..	228 North Green Street, Easton, Pennsylvania, U.S.A.
<i>J. Amer. Oil Chem. Soc.</i> ... ..	Journal of the American Oil Chemists' Society ... ..	35 E. Wacker Drive, Chicago, Illinois, U.S.A.
<i>J. Appl. Chem.</i> ... ..	Journal of Applied Chemistry ... ..	Society of Chemical Industry, 14 Belgrave Square, London S.W.1.
<i>J. Appl. Chem. U.S.S.R.</i> ... ..	Zhurnal prikladnoi khimii (Journal of Applied Chemistry of the U.S.S.R.) ... ..	Academy of Sciences of the U.S.S.R., Leningrad V.O. Mendeleevskaya liniya, U.S.S.R.
<i>J. Assoc. Off. Agric. Chem.</i> ... ..	Journal of the Association of Official Agricultural Chemists ... ..	Association of Official Agricultural Chemists, Washington, D.C., U.S.A.
<i>J. Biol. Chem.</i> ... ..	Journal of Biological Chemistry ... ..	Mount Royal and Guilford Avenues, Baltimore 2, U.S.A.
<i>J.C.S.</i> ... ..	Journal of the Chemical Society ... ..	Burlington House, London W.1.
<i>J. Chem. Phys.</i> ... ..	Journal of Chemical Physics ... ..	American Institute of Physics, Lancaster, Pennsylvania, U.S.A.
<i>J. Colloid Sci.</i> ... ..	Journal of Colloid Science ... ..	Academic Press, Mount Royal and Guilford Avenues, Baltimore, Maryland, U.S.A.
<i>J. Gen. Chem. U.S.S.R.</i> ... ..	Zhurnal obshchei khimii (Journal of General Chemistry of the U.S.S.R.) ... ..	Academy of Sciences of the U.S.S.R., Leningrad 164, Mendeleevskaya liniya, d.1, U.S.S.R.
<i>J. Indian Chem. Soc.</i> ... ..	Journal of the Indian Chemical Society ... ..	92 Upper Circular Road, Calcutta 9, India.



LIST OF PERIODICALS ABSTRACTED—*continued*

ABBREVIATED TITLE	JOURNAL	ADDRESS OF PUBLISHER
<i>J. Oil &amp; Col. Chem. Assocn.</i> ...	Journal of the Oil and Colour Chemists' Association ...	Memorial Hall, Farringdon Street, London E.C.4.
<i>J. Opt. Soc. Amer.</i> ...	Journal of the Optical Society of America ...	Prince and Lemon Streets, Lancaster, Pennsylvania, U.S.A.
<i>J. Physical Chem.</i> ...	Journal of Physical Chemistry ...	American Chemical Society, 20th and Northampton Streets, Easton, Pa., U.S.A.
<i>J. Polymer Sci.</i> ...	Journal of Polymer Science ...	Interscience Publishers Inc., Northampton Street, Easton, Pa., U.S.A.
<i>J. Roy. Inst. Chem.</i> ...	Journal of the Royal Institute of Chemistry ...	Royal Institute of Chemistry, 30 Russell Square, London W.C.1.
<i>J. Soc. Leather Trades Chem.</i> ...	Journal of the Society of Leather Trades' Chemists ...	"Craieburn", Duppas Hill Road, Croydon, Surrey.
<i>J. Soc. Textile Cellulose Ind. Japan</i> ...	Journal of the Society of Textile and Cellulose Industries, Japan (Sen-i Gakkaiishi) ...	c/o Tokyo Institute of Technology, Ookayama, Meguro-ku, Tokyo, Japan.
<i>J. Textile Inst.</i> ...	Journal of the Textile Institute ...	10 Blackfriars Street, Manchester 3.
<i>Melliand Textilber.</i> ...	Melliand Textilberichte ...	Melliand Textilberichte KG, Rohrbacherstr. 76, Postfach 181, Heidelberg, Germany.
<i>Mh. Chem.</i> ...	Monatshefte für Chemie und verwandte Teile anderer Wissenschaften ...	Springer-Verlag, Wien I, Mölkerbastei 5, Austria.
<i>Modern Textiles</i> ...	Modern Textiles ...	303 Fifth Avenue, New York 16, N.Y., U.S.A.
<i>Nature</i> ...	Nature ...	Macmillan & Co. Ltd., St. Martin's Street, London, W.C.2.
<i>Norsk Tekstil Tid.</i> ...	Norsk Tekstil Tidende ...	Norsk Tekstil Tidende, Prof. Hansteenag. 13, Bergen, Norway.
<i>Off. Dig. Fed. Paint Varn. Prod. Cl.</i> ...	Official Digest, Federation of Paint and Varnish Production Clubs ...	121 South Broad Street, Philadelphia 7, Pa., U.S.A.
<i>Polish Tech. Abs.</i> ...	Polish Technical Abstracts ...	Warsaw, Aleja Niepodległości 188, Poland.
<i>Proc. Chem. Soc.</i> ...	Proceedings of the Chemical Society ...	Burlington House, London W.1.
<i>Proc. Roy. Soc.</i> ...	Proceedings of the Royal Society ...	Burlington House, London, W.1.
<i>Proc. Tech. Sectn. British Paper &amp; Board Makers' Assocn.</i> ...	Proceedings of the Technical Section of the British Paper & Board Makers' Assocn. (Inc.) ...	British Paper & Board Makers' Assocn. (Inc.), St. Winifreds, Welcomes Road, Kenley, Surrey.
<i>Quart. Rev. Chem. Soc.</i> ...	Quarterly Reviews ...	The Chemical Society, Burlington House, Piccadilly, London W.1.
<i>Rec. Trav. chim.</i> ...	Recueil des Travaux chimiques des Pays-Bas ...	Zeverijnstraat 4, Hilversum, Holland.
<i>Rept. Govt. Chem. Ind. Research Inst. Tokyo</i> ...	Reports of the Government Chemical Industrial Research Institute, Tokyo ...	1-chome, Hatagaya Hon-machi, Shibuya-ku, Tokyo, Japan.
<i>Rev. Tech. Ind. Cuir</i> ...	Revue Technique des Industries du Cuir ...	Journaux "Le Cuir", 54 Rue René-Boulanger, Paris (10 <sup>e</sup> ), France.
<i>Silk and Rayon</i> ...	Skinner's Silk and Rayon Record ...	St. James House, 44 Brazennose Street, Manchester 2.
<i>Studii și Cercetări Științifice, Timișoara, Seria Științe Chimice</i> ...	Studii și Cercetări Științifice, Timișoara, Seria Științe Chimice ...	Academia Republicii Populare Romine, Baza de Cercetări Științifice, Timișoara, Bul. Mihai Viteazul 24, Roumania.
<i>Svensk Papperstidning</i> ...	Svensk Papperstidning ...	S. Blasieholmshamnen 4A, Stockholm, Sweden.
<i>S.V.F. Fachorgan</i> ...	S.V.F. Fachorgan für Textilveredlung ...	Basle 1, Postfach 201, Switzerland.
<i>Tintes</i> ...	Tintex, Incorporating Revue Générale des Matières Colorantes ...	60 rue Richelieu, Paris II, France.
<i>Tinture et Apprêts</i> ...	Tinture et Apprêts ...	Société d'Éditions Techniques de la Manutention Textile, 12 Rue d'Anjou, Paris (8 <sup>e</sup> ), France.
<i>Tekstil. prom.</i> ...	Tekstil'naya promyshlennost' (Textile Industry of the U.S.S.R.) ...	Gizlegprom, Moscow, Tsentr, ulitsa Kirova 39, 3-1 etazh, Komnata 325, U.S.S.R.
<i>Tex</i> ...	De Tex ...	Klosterstraat 17, Enschede, Holland.
<i>Text. Manuf.</i> ...	Textile Manufacturer ...	31 King Street West, Manchester 3.
<i>Text. Rec.</i> ...	Textile Recorder ...	Old Colony House, South King Street, Manchester 2.
<i>Text. Research J.</i> ...	Textile Research Journal ...	Lancaster Press Inc., Prince and Lemon Streets, Lancaster, Pennsylvania, U.S.A.
<i>Textil Praxis</i> ...	Textil Praxis ...	Konradin-Verlag Robert Kohlhammer GmbH, Stuttgart 8, Danneckerstrasse 52, Germany.
<i>Textil-Rund.</i> ...	Textil-Rundschau ...	Verlag Zollikofer & Co., St. Gallen, Switzerland.
<i>Textile J. of Australia</i> ...	Textile Journal of Australia ...	19-47 Jeffcott Street, Melbourne, Australia.
<i>Tintoria</i> ...	Tintoria ...	Via Negrolli 51, Milan, Italy.
<i>Tint. ind.</i> ...	Tintoreria Industrial ...	Tacuari 454, Buenos Aires, Argentina.
<i>Trans. Faraday Soc.</i> ...	Transactions of the Faraday Society ...	Aberdeen University Press Ltd., 6 Upper Kirkgate, Aberdeen, Scotland.
<i>Ukrainian Chem. J.</i> ...	Ukrainskii khimicheskii zhurnal (Ukrainian Chemical Journal) ...	Kiev, Ulitsa Repina 3, U.S.S.R.
<i>Z. ges. Textilind.</i> ...	Zeitschrift für die gesamte Textilindustrie ...	München-Gladbach, Lüpertzender Strasse 157-163, Germany.
<i>Zes. Nauk. Politech. Łódź.</i> ...	Zeszyty [Naukowe Politechniki Łódzkiej] ...	Łódź, Gdanska 155, Poland.

# ABBREVIATIONS AND SYMBOLS USED IN THE JOURNAL OF THE SOCIETY OF DYERS AND COLOURISTS

No distinction is made in abbreviations between singular and plural

In special cases abbreviations and symbols other than those in the list may be used, but as far as possible they will be as given either in standard English dictionaries or in *British Standard* 1991: Part 1: 1954

absolute ...	abs.	Fahrenheit ...	F.	para- ...	p.
acid value ...	A.V.	foot ...	ft.	parts per million ...	p.p.m.
alkyl radical (in chemical formula) ...	Alk	freezing point ...	f.p.	Patent ...	P
alternating current ...	A.C.	French Patent ...	FP	potential difference ...	p.d.
ampère ...	amp.	gallon (Imperial) ...	gal.	pound ...	lb.
Angström unit ...	Å.	gallon (U.S.A.) ...	gal.(U.S.A.)	powder ...	pdr.
anhydrous ...	anhyd.	German Patent ...	GP	precipitate ...	ppt.
approximate, -ly ...	approx., ca., ~	gram ...	g.	precipitated ...	pptd.
aqueous ...	aq.	greater than ...	>	precipitation ...	pptn.
aryl radical (in chemical formula) ...	Ar	halogen (in chemical formula) ...	Hal	proportional to ...	∝
asymmetric (applied to organic compounds) ...	as-	horse power ...	h.p.	pseudo- (organic compound) ...	ψ-
atmosphere (pressure unit) ...	atm.	hour ...	hr.	qualitative(ly) ...	qual.
atomic ...	at.	hundredweight ...	ewt.	quantitative(ly) ...	quant.
atomic weight ...	at. wt.	hydrogen ion concentration (negative logarithm) ...	pH	racemic (organic chemistry) ...	r.
Baumé ...	Bé.	inch ...	in.	recrystallised ...	recryst.
boiling point ...	b.p.	inorganic ...	inorg.	refractive index ...	n
British Patent ...	BP	insoluble ...	insol.	relative humidity ...	R.H.
British thermal unit ...	B.Th.U.	iodine value ...	I.V.	revolutions per minute ...	r.p.m.
calculated ...	calc.	kilocalorie ...	kcal.	saponification value ...	S.V.
calorie ...	cal.	kilogram ...	kg.	saturate(d) ...	sat.*
Centigrade ...	c.	laevorotatory ...	laevo, (-)	second ...	sec.
centimetre ...	cm.	less than ...	<	secondary (organic compound) ...	sec.-
compound ...	cpd.	logarithm (decadic) ...	log	soluble ...	sol.
concentrated ...	conc.	logarithm (natural) ...	ln	solution ...	solg.
concentration ...	concn.	maximum ...	max.	specific ...	sp.
configuration (carbohydrates and amino acids) ...	D-, L-	melting point ...	m.p.	specific gravity ...	sp. gr.
constant ...	const.	meta- ...	m-	square (in., cm., etc.) ...	sq.
containing more than n carbon atoms ...	containing > n C	metre ...	m.	substituted ...	subst.*
corrected ...	corr.	microgram ...	μg.	substitution on nitrogen, oxygen, etc. ...	N-, O-, etc
crystal, -line, -lised (adjective) ...	cryst.	mieron ...	μ.	symmetrical (organic compound) ...	s-
cubic ...	cu.	milliampere ...	ma.	temperature ...	temp.
cubic centimetre ...	c.c.	milligram ...	mg.	tertiary- (organic compound) ...	tert.-
decomposition ...	decomp.	millilitre ...	ml.	turns per inch ...	t.p.in.
degree of polymerisation ...	D.P.	millimetre ...	mm.	Twaddell ...	Tw.
density ...	d	millimicron ...	mμ. (10A.)	United States Patent ...	USP
derivative ...	deriv.	millivolt ...	mv.	unsaturated ...	unsat.*
dextrorotatory ...	dextro, (+)	minimum ...	min.	unsubstituted ...	unsubst.*
dilute ...	dil.	minute ...	min.	viscosity ...	η
direct current ...	D.C.	molar (concentration) ...	M. or m-	volt ...	v.
distil, -led ...	dist.	molecular, -e ...	mol.	volume ...	vol.
electromotive force ...	e.m.f.	molecular weight ...	mol. wt.	watt ...	w.
equimolecular ...	equimol.	normal (concentration) ...	N. or n-	wavelength ...	λ
equivalent ...	equiv.	normal (organic compound) ...	n-	weight ...	wt.
		normal temperature and pressure ...	N.T.P.	yard ...	yd.
		not greater than ...	≧		
		not less than ...	≦		
		organic ...	org.		
		ortho- ...	o-		
		ounce ...	oz.		

\* Only in describing general formulae in the Abstracts Section.